



Appendix B

Weekly Progress Reports/Weekly
Progress Meeting Minutes

Weekly Progress Reports



March 4, 2011

By E-Mail and U.S. Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, New Jersey 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the "Site")
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order ("Order"), Index No. CERCLA-02-2010-2027, Motors Liquidation Company ("MLC"), please see attached the Weekly Progress Report for the Site. Please contact me at (937) 478-8221 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Pamela L. Barnett".

Pamela L. Barnett, PG
Project Manager
BOW Environmental Solutions, Inc. on behalf of MLC

I. Compliance Activities Completed for the Period (February 25, 2011 to March 3, 2011)

Site Activities

Brandenburg continued mobilization and pre-demolition activities, including:

- New worker orientations / Site Safety audits
- Site trailer hook ups
- Chemical and universal waste sweeps
- TSCA and Non-TSCA regulated area establishment
- TSCA equipment consolidation/staging
- Equipment reservoir draining and preparation
- Area de-energizing / power isolation
- Submittal review and detail backup
- Cost review and clarification

See attached Three-Week Look Ahead Schedule for additional information.

Maintenance Activities

MLC performed critical plant-wide maintenance activities.

MLC maintained facility winterization measures.

MLC continued transferring responsibility for demolition contract General Condition items to Brandenburg.

II. Analytical Data

Analytical data were received for 2 confirmation wipe samples collected from contractor equipment. The PCB analytical data report (#S47924, dated March 3, 2011) is attached (no PCBs detected).

III. Site Activities Scheduled for the Upcoming Week

MLC will perform only critical maintenance activities plant-wide, as required.

MLC will continue to maintain facility winterization measures.

MLC/ARCADIS will complete vacating facility office areas by March 7, 2011.

MLC will continue transferring responsibility for demolition contract General Condition items to Brandenburg, which will continue mobilization and pre-demolition activities.

**Weekly Progress Report – March 4, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Additional Brandenburg activities to include:

- Asbestos abatement work to be initiated March 7, 2011
- Continued pre-demolition activities described above

IV. Waste Manifests, Bills of Landing, and/or Certificates of Destruction for Reporting Period

No waste manifests, bills of landing, or certificates of destruction were received during this period.

V. Project Submittals Status

The attached Table 1 summarizes submittals made during the prior reporting periods, submittals responded to, and submittals which continue to be under review.

**Weekly Progress Report – March 4, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

2 copies (1 hard copy and 1 electronic copy):

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Attention: Anne Kelly

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Watertown, New York 13601-3787
Peter S. Ouderkirk, P.E.

All Reports and Government Correspondence:

James M. Redwine, Esq.
Motors Liquidation Company
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, New Jersey 07495

**Weekly Progress Report – March 4, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

ATTACHMENTS

1. Table 1 – Project Submittal Status
2. Three-Week Look Ahead Schedule
3. Laboratory Analytical Data Reports
 - a. #S47924, March 3, 2011, Merit Laboratories, Inc.
(2 wipe samples for PCBs)

Table 1 - Project Submittal Status
Former Powertrain Plant at Central Foundry Division Superfund Site
Massena, New York
Administrative Order Index No. CERCLA-02-2010-2027

Document Submitted	Date of Submittal to USEPA	Comments Received from USEPA	Approval Received from USEPA
Phase I Pre-Demolition Contractor Submittals	2-Mar-2011		n.a.
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	22-Feb-2011		n.a.
Letter Regarding Furnace / Potential Delay	21-Feb-2011		n.a.
Phase I Pre-Demolition Contractor Submittals	18-Feb-2011		n.a.
Disposition Facility and Transport Vendor Submittals	16-Feb-2011		
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	15-Feb-2011		n.a.
Revised Phase I Site Operating Plan	14-Jan-2011		
Request for Extension to Submit Revisions to Revised Phase I Site Operating Plan	4-Jan-2011		4-Jan-2011
Phase II Site Operating Plan	27-Dec-2010		
Additional Information Related to Onsite Vehicles sent via e-	3-Nov-2010		n.a.
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WTC Contractor Selection for Survey Work	14-Oct-2010		n.a.
Phase I Site Operating Plan	29-Sep-2010	6-Oct-2010	deferred - see above
Contractor Use Notification for Perras on Priority 1 Items	27-Sep-2010		n.a.
Pull Ahead Request for Demolition Preparatory Work	27-Sep-2010	12-Oct-2010	
Memorandum of Routine Site Activities	22-Sep-2010		10/19/2010 (partial)
Sampling and Analysis Plan for Painted Surfaces on Stationary Process Equipment	10-Sep-2010		29-Sep-2010
Draft Assessment and Preparation Plan for Reusable Equipment for Sale and Table 1 - Sold Equipment Awaiting Approval to Proceed with Processing and Removal	10-Sep-2010		16-Sep-2010
Contractor Equipment Decontamination Work Plan	7-Sep-2010		16-Sep-2010
Massena Transformer Removal Work Plan	3-Sep-2010		n.a.
Contractor Selection Letter	2-Sep-2010		6-Oct-2010
Intent to Comply Letter	30-Aug-2010		n.a.
Designated Facility Coordinator Letter	27-Aug-2010		16-Sep-2010

n.a. = not applicable; approval not needed

PROJECT CODE: MA0481		Date		3/2/2011		
LEGEND:	<div> <div>Scheduled ~~~</div> <div>Actual xxx</div> </div>	<div> <div>Brandenburg Industrial Service Company</div> <div>2217 Spillman Drive Bethlehem, PA 18015</div> <div>Tel (610) 691-1800 Fax (610) 691-4200</div> </div>	Period From	3/6/2011	To	3/26/2011
			Sheet	1	Of	1

Responsibility	Activity Description	Actual Start	Previous Week							Scheduled Work Period																												Actual Completion	Remarks	
										First Week								Second Week								Third Week														
			2/28	3/1	3/2	3/3	3/4	3/5	3/6	3/7	3/8	3/9	3/10	3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20	3/21	3/22	3/23	3/24	3/25	3/26											
			M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa											
	General Conditions																																							
USEPA	Phase 1 SOP Approval									~~~																					Ongoing/Projected									
MLC	Issue Contract									~~~	~~~	~~~	~~~																		Ongoing									
	Mobilization																																							
ARCADIS	Process Equipment Identification	2/14/2011	~~~	~~~	~~~	~~~				~~~																					Pending Final EPA Approval									
ARCADIS/USEPA	Final Building Delineation									~~~																					Pending Final EPA Approval									
	Mobilization																																							
Brandenburg	Secure Residence for BISCO Workers	2/14/2011																													Ongoing throughout project									
Brandenburg	Mobilize Small Equipment (ie forklift/skid steers/tool box/manlifts)		xxx	xxx						~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~														
Running Deer	Assume Snow Plow and Clear Area for Trailers and Tire Wash	2/15/2011																													As needed									
S&L Electric	Procurement of 800 amp panel for trailer drop	3/1/2011		xxx																																				
S&L Electric	Electrical to Trailers	3/2/2011			xxx	xxx																																		
Verizon	Communication to Trailers									~~~	~~~	~~~																												
S&L Electric	Plan electrical for parking lot and perimeter lighting	2/14/2011	xxx	xxx	xxx	xxx				~~~	~~~	~~~	~~~																											
OP-TECH/Brandenburg	Establish preliminary ACM Schedule	3/1/2011		xxx	xxx	xxx																																		
Brandenburg	Order Supplies for Universal Waste									~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~																				
Brandenburg	Orientate New Employees to the Site	2/28/2011	xxx	xxx						~~~	~~~						~~~	~~~													Ongoing through project									
	Submittals & Approvals																																							
ARCADIS	Engineered Design for Electrical Sub Pad & Cable Tray Supports	3/1/2011		xxx																																				
S&L Electric	Complete Electrical Submittal				xxx	xxx				~~~	~~~	~~~	~~~																											
OP-TECH	Submit NESHAP - amended (2/21)	2/18/2011																											2/21/2011											
OP-TECH	Submit Variance for ACM	2/28/2011	xxx																																					
OP-TECH/NYSOOL	Variance Review	2/28/2011	xxx	xxx	xxx	xxx	xxx			~~~	~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~			2 to 4 weeks review estimated									
Brandenburg	Establish Natural Gas line purging plan									~~~	~~~	~~~	~~~																											
	Pull Ahead Work																																							
	Electrical Disconnects & Re-Routes																																							
S&L Electric/Brandenburg	Obtain final pricing for electrical re-routes (based on current scope)	2/18/2011																											2/18/2011											
S&L Electric/Brandenburg	Subcontract & Order Materials	2/22/2011																											2/22/2011											
S&L Electric	Order Materials	2/22/2011	xxx	xxx	xxx	xxx	xxx			~~~	~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~												
	Mechanical Disconnects/Re-routes																																							
Arcadis	Sampling results for sands																							~~~																
Perras	Millwater/Waste Water Pipe Connection																~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~													
Perras	Stormwater Collection & Treatment Lagoon Pipe Connection																							~~~	~~~	~~~	~~~													
	Temporary Fencing																																							
Brandenburg	Obtain Cut Sheets		~~~	~~~	~~~	~~~	~~~																																	
Brandenburg	Subcontract & Order Materials							~~~																																
	Establish Environmental Controls																																							
Brandenburg	Identify & Color Code Floor Drains	2/21/2011	xxx	xxx	xxx	xxx				~~~	~~~	~~~	~~~																											
Brandenburg	Cap floor drains									~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~													
Brandenburg	Set up Haz and Non-Haz Storage Areas	2/28/2011	xxx	xxx	xxx	xxx																																		
Brandenburg	Finalize Filter Installation location	2/21/2011	xxx	xxx	xxx																																			
Brandenburg	Water Filter System Delivery									~~~																														
Brandenburg	Water Filter Set Up										~~~	~~~	~~~				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~													
	Establish TSCA Work Area Barrier																																							
Brandenburg	Order Supplies for Barrier Wall	2/28/2011	xxx	xxx																																				
Inline	10MIL Poly Delivery	3/2/2011			xxx																																			
Brandenburg	Install snow fence around TSCA concrete area to keep equipment off	2/28/2011	xxx	xxx	xxx	xxx				~~~	~~~	~~~	~~~																											
Brandenburg	Clear Process Equipment from Barrier Location	3/3/2011				xxx				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~													
Brandenburg	Construct Barrier Wall	3/2/2011			xxx	xxx				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~													
	Establish Truck Wash																																							

MLC Massena Demolition Three Week Look Ahead

PROJECT CODE: MA0481

LEGEND:

Scheduled ~~~

Actual xxx

Brandenburg Industrial Service Company
2217 Spillman Drive | Bethlehem, PA | 18015
Tel (610) 691-1800 | Fax (610) 691-4200

Date

Period From

Sheet

3/2/2011

3/6/2011 To 3/26/2011

1 Of 1

Responsibility	Activity Description	Actual Start	Previous Week							Scheduled Work Period																		Actual Completion	Remarks				
										First Week								Second Week						Third Week									
			2/28 M	3/1 T	3/2 W	3/3 Th	3/4 F	3/5 Sa	3/6 Su	3/7 M	3/8 T	3/9 W	3/10 Th	3/11 F	3/12 Sa	3/13 Su	3/14 M	3/15 T	3/16 W	3/17 Th	3/18 F	3/19 Sa	3/20 Su	3/21 M	3/22 T	3/23 W	3/24 Th				3/25 F	3/26 Sa	
Neptune	Truck Wash Delivery																																
Brandenburg	Truck Wash Construction																																
	Protect Subsurface Structures																																
	Establish Scrap Processing Areas (TSCA & Non-TSCA)	2/21/2011	~~~	~~~	~~~	~~~																											
Brandenburg	Soil & Erosion Control																																
	Inlet Fabric Protection																																
	Environmental																																
	TSCA Work Area																																
Brandenburg	Universal Waste Collection																																
Brandenburg	Hydraulic Fluid Draining																																
Brandenburg	Chemical Sweep																																
	Asbestos Abatement																																
OP-TECH	Begin ACM Removal																																
OP-TECH	Administration Building Abatement																																
OP-TECH	Prep/Containment																																
OP-TECH	Abatement; Interior Friable ACM																																
	NON TSCA Work Area																																
Brandenburg	Universal Waste Collection	3/1/2011		xxx	xxx	xxx																											
Brandenburg	Hydraulic Fluid Draining	3/3/2011				xxx																											
Brandenburg	Chemical Sweep	3/1/2011		xxx	xxx	xxx																											
OP-TECH	Asbestos Abatement																																
Op-TECH	Begin ACM Removal																																
OP-TECH	Main Plant Interior Abatement																																
OP-TECH	Prep. Work Area for Duct Insulation																																
OP-TECH	Abatement Duct Insulation																																
OP-TECH	Main Plant Exterior (not including Roofing)																																
OP-TECH	Elec. Rm.-Window Caulk-Bay 47 & 48																																
OP-TECH	No. Side; Window Caulk on Brick																																
	Demolition																																
	NON TSCA Work Area																																
Brandenburg	Process Equipment Removal to Facilitate U-Waste Collection																																
Brandenburg	Small Moveable Equipment Consolidation																																



Analytical Laboratory Report

Report ID: S47924.01(01)
Generated on 03/03/2011

Report to

Attention: Richard Boelter
Arcadis/ MLC
56 Chevrolet Road
Route 37 East
Massena, NY 13662

Phone: 315-764-2299 FAX:
Email: richard.boelter@arcadis-us.com

Report produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S47924.01-S47924.02
Project: B0050081.2011/ Facility Equipment Sampling, Massena, NY
Collected Date: 03/02/2011
Submitted Date/Time: 03/03/2011 09:15
Sampled by: Robert Conden
P.O. #: B0050081.2011

Report Notes

Results relate only to items tested as received by the laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
"Not detected" indicates that parameter was not found at a level equal to or greater than the RL.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

Laboratory Certifications:

Michigan DNRE (#9956), Ohio EPA (#CL0002), NELAC NY (#11814), NELAC FL (#E871045), WBENC (#2005110032)
Some analytes reported may not be certified. Full certification lists are available upon request.

Violetta F. Murshak
Laboratory Director



Analytical Laboratory Report

Sample Summary (2 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S47924.01	W-Basket Nes Aerial Lift(030211)	Wipe	03/02/2011 13:35
S47924.02	W-Perras N. Star Washer(030211)	Wipe	03/02/2011 13:40



Analytical Laboratory Report

Lab Sample ID: S47924.01

Sample Tag: W-Basket Nes Aerial Lift(030211)

Collected Date/Time: 03/02/2011 13:35

Matrix: Wipe

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	Hexane	Yes	4.0	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

Extraction, PCB	Completed			3550B	03/03/11 12:42	ADB		
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Organics - PCBs/Pesticides

PCB Swab List

PCB-1016	Not detected	ug/100cm2	1	8082	03/03/11 14:54	JANB	12674-11-2	
PCB-1221	Not detected	ug/100cm2	1	8082	03/03/11 14:54	JANB	11104-28-2	
PCB-1232	Not detected	ug/100cm2	1	8082	03/03/11 14:54	JANB	11141-16-5	
PCB-1242	Not detected	ug/100cm2	1	8082	03/03/11 14:54	JANB	53469-21-9	
PCB-1248	Not detected	ug/100cm2	1	8082	03/03/11 14:54	JANB	12672-29-6	
PCB-1254	Not detected	ug/100cm2	1	8082	03/03/11 14:54	JANB	11097-69-1	
PCB-1260	Not detected	ug/100cm2	1	8082	03/03/11 14:54	JANB	11096-82-5	



Analytical Laboratory Report

Lab Sample ID: S47924.02

Sample Tag: W-Perras N. Star Washer(030211)

Collected Date/Time: 03/02/2011 13:40

Matrix: Wipe

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	Hexane	Yes	4.0	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
----------	---------	-------	----	--------	---------------	---------	-------	-------

Extraction / Prep.

Extraction, PCB	Completed			3550B	03/03/11 12:42	ADB		
-----------------	-----------	--	--	-------	----------------	-----	--	--

Organics - PCBs/Pesticides

PCB Swab List

PCB-1016	Not detected	ug/100cm2	1	8082	03/03/11 15:04	JANB	12674-11-2	
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PCB-1232	Not detected	ug/100cm2	1	8082	03/03/11 15:04	JANB	11141-16-5	
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PCB-1254	Not detected	ug/100cm2	1	8082	03/03/11 15:04	JANB	11097-69-1	
PCB-1260	Not detected	ug/100cm2	1	8082	03/03/11 15:04	JANB	11096-82-5	

**CHAIN OF CUSTODY LABORATORY
ANALYSIS REQUEST FORM**[illegible]



March 11, 2011

By E-Mail and U.S. Mail

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Gentlepersons:

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Sincerely,

A handwritten signature in black ink that reads "Pamela L. Barnett". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Pamela L. Barnett, PG
Project Manager
BOW Environmental Solutions, Inc. on behalf of MLC

**I. Compliance Activities Completed for the Period
(March 4, 2011 to March 10, 2011)**

Site Activities

MLC/ARCADIS vacated facility office areas.

Asbestos abatement contractor continued mobilization and site preparations.

Brandenburg continued mobilization and pre-demolition activities, including:

- New worker orientations / Site safety audits
- Continued Brandenburg's site trailer hook-ups
- Continued chemical and universal waste sweeps
- Continued TSCA and Non-TSCA regulated areas demarcation
- TSCA equipment consolidation / staging nearly complete
- Continued equipment reservoir draining and preparation
- Continued area de-energizing / power isolation
- Continued mobilizing equipment including rail mule, and truck wash equipment
- Preparations for mobilization of pre-treatment system and truck wash
- Submittal review and detail backup
- Cost review and clarification continues

See attached Three-Week Look Ahead Schedule for additional information.

ARCADIS completed interior ACM abatement background air samples as well as exterior air monitoring background samples per the CAMP.

Maintenance Activities

MLC performed critical plant-wide maintenance activities.

MLC maintained facility winterization measures.

II. Analytical Data

No new analytical data were received during this period.

III. Site Activities Scheduled for the Upcoming Week

MLC will perform only critical maintenance activities plant-wide, as required.

MLC will continue to maintain facility winterization measures.

Brandenburg will continue pre-demolition activities described above.

ACM abatement intrusive work will begin March 14, 2011.

IV. Waste Manifests, Bills of Landing, and/or Certificates of Destruction for Reporting Period

No waste manifests, bills of landing, or certificates of destruction were received during this period.

V. Project Submittals Status

The attached Table 1 summarizes submittals made during the prior reporting periods, submittals responded to, and submittals which continue to be under review.

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All Reports and Government Correspondence:

James M. Redwine, Esq.
Motors Liquidation Company
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, New Jersey 07495

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Massena, New York
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Designated Facility Coordinator Letter	27-Aug-2010		16-Sep-2010

n.a. = not applicable; approval not needed

PROJECT CODE: MA0481		<div> <div>LEGEND:</div> <div> <div>Scheduled ~~~</div> <div>Actual xxx</div> </div> </div>		<div> <div>Brandenburg Industrial Service Company</div> <div>2217 Spillman Drive Bethlehem, PA 18015</div> <div>Tel (610) 691-1800 Fax (610) 691-4200</div> </div>		<div> <div>Date</div> <div>3/10/2011</div> </div>		<div> <div>Period From</div> <div>3/13/2011</div> </div>		<div> <div>To</div> <div>4/2/2011</div> </div>		<div> <div>Sheet</div> <div>1</div> </div>		<div> <div>Of</div> <div>1</div> </div>	
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PROJECT CODE: MA0481

Actual xxx

Date	3/10/2011		
Period From	3/13/2011	To	4/2/2011
Sheet	1	Of	1



March 18, 2011

By E-Mail and U.S. Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, New Jersey 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the "Site")
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order ("Order"), Index No. CERCLA-02-2010-2027, Motors Liquidation Company ("MLC"), please see attached the Weekly Progress Report for the Site. Please contact me at (937) 478-8221 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Pamela L. Barnett". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Pamela L. Barnett, PG
Project Manager
BOW Environmental Solutions, Inc. on behalf of MLC

**I. Compliance Activities Completed for the Period
(March 11, 2011 to March 17, 2011)**

Site Activities

Asbestos abatement contractor continued mobilization and site preparations, and began intrusive abatement work.

Brandenburg continued mobilization and pre-demolition activities, including:

- New worker orientations / Site safety audits
- Continued Brandenburg's site trailer hook-ups
- Continued chemical and universal waste sweeps
- Continued TSCA and Non-TSCA regulated areas demarcation
- TSCA equipment consolidation / staging nearly complete
- Continued equipment reservoir draining and preparation
- Continued area de-energizing / power isolation
- Continued mobilizing equipment including rail mule, and truck wash equipment
- Preparations for mobilization of pre-treatment system and truck wash
- Began construction of truck wash area
- Submittal review and detail backup
- Cost review and clarification continues

See attached Three-Week Look Ahead Schedule for additional information.

Maintenance Activities

MLC discontinued facility winterization measures.

MLC eliminated all heat in the main plant during pre-demolition activities.

II. Analytical Data

No new analytical data were received during this period.

III. Site Activities Scheduled for the Upcoming Week

MLC will assist Brandenburg on an as-needed basis preparing for demolition.

Brandenburg will continue pre-demolition activities described above.

IV. Waste Manifests, Bills of Landing, and/or Certificates of Destruction for Reporting Period

No waste manifests, bills of landing, or certificates of destruction were received during this period.

V. Project Submittals Status

The attached Table 1 summarizes submittals made during the prior reporting periods, submittals responded to, and submittals which continue to be under review.

ATTACHMENTS

1. Table 1 – Project Submittal Status
2. Three-Week Look Ahead Schedule

**Weekly Progress Report – March 18, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

2 copies (1 hard copy and 1 electronic copy):

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, New York 10007-1866
Attention: Anne Kelly

1 hard copy

U.S. Environmental Protection Agency
2890 Woodbridge Avenue
Building 209 (MS-211)
Edison, New Jersey 08837
Attn: Andrew Confortini

2 copies (1 hard copy and 1 electronic copy):

New York State Department of Environmental Conservation
317 Washington Street
Watertown, New York 13601-3787
Peter S. Ouderkirk, P.E.

All Reports and Government Correspondence:

James M. Redwine, Esq.
Motors Liquidation Company
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, New Jersey 07495

Table 1 - Project Submittal Status
Former Powertrain Plant at Central Foundry Division Superfund Site
Massena, New York
Administrative Order Index No. CERCLA-02-2010-2027

Document Submitted	Date of Submittal to USEPA	Comments Received from USEPA	Approval Received from USEPA
Revised Phase I Site Operating Plans #1 & #2	17-Mar-2011		
Revised Phase I Site Operating Plans	4-Mar-2011		
Phase I Pre-Demolition Contractor Submittals	2-Mar-2011		n.a.
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	22-Feb-2011		n.a.
Letter Regarding Furnace / Potential Delay	21-Feb-2011		n.a.
Phase I Pre-Demolition Contractor Submittals	18-Feb-2011		n.a.
Disposition Facility and Transport Vendor Submittals	16-Feb-2011		
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	15-Feb-2011		n.a.
Revised Phase I Site Operating Plans	14-Jan-2011		deferred - see above
Request for Extension to Submit Revisions to Revised Phase I Site Operating Plan	4-Jan-2011		4-Jan-2011
Phase II Site Operating Plans	27-Dec-2010		
Additional Information Related to Onsite Vehicles sent via e-mail	3-Nov-2010		n.a.
Phase I Site Operating Plans	26-Oct-2010	23-Dec-2010	deferred - see above
WTC Contractor Selection for Survey Work	14-Oct-2010		n.a.
Phase I Site Operating Plans	29-Sep-2010	6-Oct-2010	deferred - see above
Contractor Use Notification for Perras on Priority 1 Items	27-Sep-2010		n.a.
Pull Ahead Request for Demolition Preparatory Work	27-Sep-2010	12-Oct-2010	
Memorandum of Routine Site Activities	22-Sep-2010		10/19/2010 (partial)
Sampling and Analysis Plan for Painted Surfaces on Stationary Process Equipment	10-Sep-2010		29-Sep-2010
Draft Assessment and Preparation Plan for Reusable Equipment for Sale and Table 1 - Sold Equipment Awaiting Approval to Proceed with Processing and Removal	10-Sep-2010		16-Sep-2010
Contractor Equipment Decontamination Work Plan	7-Sep-2010		16-Sep-2010
Massena Transformer Removal Work Plan	3-Sep-2010		n.a.
Contractor Selection Letter	2-Sep-2010		6-Oct-2010
Intent to Comply Letter	30-Aug-2010		n.a.
Designated Facility Coordinator Letter	27-Aug-2010		16-Sep-2010

n.a. = not applicable; approval not needed

PROJECT CODE: MA0481		<div> <div>LEGEND:</div> <div> <div>Scheduled ~~~</div> <div>Actual xxx</div> </div> </div>		<div> <div>Brandenburg Industrial Service Company</div> <div>2217 Spillman Drive Bethlehem, PA 18015</div> <div>Tel (610) 691-1800 Fax (610) 691-4200</div> </div>		<div>Date</div> <div>3/16/2011</div>
				<div> <div>Period From</div> <div>3/20/2011</div> </div>		<div>To</div> <div>4/9/2011</div>
				<div> <div>Sheet</div> <div>1</div> </div>		<div>Of</div> <div>1</div>

Responsibility	Activity Description	Actual Start	Previous Week							Scheduled Work Period																												Actual Completion	Remarks	
										First Week								Second Week								Third Week														
			3/14 M	3/15 T	3/16 W	3/17 Th	3/18 F	3/19 Sa	3/20 Su	3/21 M	3/22 T	3/23 W	3/24 Th	3/25 F	3/26 Sa	3/27 Su	3/28 M	3/29 T	3/30 W	3/31 Th	4/1 F	4/2 Sa	4/3 Su	4/4 M	4/5 T	4/6 W	4/7 Th	4/8 F	4/9 Sa											
	General Conditions																																							
USEPA	Phase 1 SOP Approval			~~~	~~~	~~~	~~~	~~~																											Ongoing/Projected/Critical					
MLC	Issue Contract			~~~	~~~	~~~	~~~	~~~																											Ongoing/Critical					
	Mobilization																																							
ARCADIS	Process Equipment Identification	2/14/2011		~~~	~~~	~~~	~~~	~~~																											Pending Final EPA Approval					
ARCADIS/USEPA	Final Building Delineation			~~~	~~~	~~~	~~~	~~~																											Pending Final EPA Approval					
	Mobilization																																							
Brandenburg	Mobilize Small Equipment (ie forklift/skid steers/tool box/manlifts)		~~~	~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~					~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~						On-Going Throughout Project					
Brandenburg	Order & Secure DOT permits for Large Equipment	3/18/2011						~~~																												On-Going Throughout Project				
Brandenburg	Mobilize large equipment																		~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~											
Verizon	Communication to Trailers	3/15/2011	~~~	xxx	~~~	~~~	~~~																																	
Brandenburg	Order Supplies for Universal Waste	3/9/2011	~~~	xxx																													3/9/2011							
	Submittals & Approvals																																							
ARCADIS	Engineered Design for Electrical Sub Pad & Cable Tray Supports	3/1/2011																															3/1/2011							
S&L Electric	Complete Electrical Submittal																																		Waiting on reply from S&L inquiry letter					
OP-TECH/NYSDDL	Variance Review	2/28/2011	xxx	xxx	xxx	xxx	xxx	xxx			~~~	~~~	~~~	~~~	~~~																				2 to 4 weeks review estimated					
	Pull Ahead Work																																							
	Electrical Disconnects & Re-Routes																																							
S&L Electric/Brandenburg	Subcontract & Order Materials	2/22/2011																															2/22/2011							
S&L Electric	Order Materials	2/22/2011	xxx	xxx	xxx	xxx	xxx	xxx			~~~	~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~										
S&L Electric	Excavate Trench to Manholes A & B										~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~												
S&L Electric	Lay Conduit in Trench												~~~	~~~				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~												
S&L Electric	Pour Concrete Ductbank																									~~~	~~~	~~~	~~~											
S&L Electric	Backfill Conduit Trench																									~~~	~~~	~~~	~~~											
S&L Electric	Pour Substation Pad																																		Contingent on Contract Change					
S&L Electric	Install Cable Tray from Bulter Bldg. to WWTP Supports																																		Contingent on Contract Change					
Massena Electric	MED Pole Installation @ Scale House																~~~	~~~	~~~																					
S&L Electric	Feeder Installation to Scale House																		~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~												
S&L Electric	Install Wood Poles to Water Tower																		~~~	~~~	~~~	~~~																		
S&L Electric	Feeder Installation to Water Tower																								~~~	~~~	~~~	~~~												
	Mechanical Disconnects/Re-routes																																							
Perras	Sand Delivery for Engineer Sampling	2/21/2011																															2/21/2011							
Arcadis	Sampling results for sands		~~~																																					
Perras	Millwater/Waste Water Pipe Connection										~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~												
Perras	Stormwater Collection & Treatment Lagoon Pipe Connection										~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~												
	Temporary Fencing																																							
Brandenburg	Obtain Cut Sheets																																							
Brandenburg	Subcontract & Order Materials																																							
	Establish Environmental Controls																																							
Brandenburg	Identify & Color Code Floor Drains	2/21/2011																																						
Brandenburg	Cap floor drains		xxx	xxx	xxx	xxx					~~~	~~~	~~~	~~~																										
Brandenburg	Set up Haz and Non-Haz Storage Areas	2/28/2011																																						
Brandenburg	Finalize Filter Installation location	2/21/2011	~~~	xxx																													3/15/2011							
Brandenburg	Water Filter Set Up		~~~	xxx	xxx	xxx					~~~	~~~	~~~	~~~																										
	Establish TSCA Work Area Barrier																																							
Brandenburg	Clear Process Equipment from Barrier Location	3/3/2011	xxx	xxx	xxx	xxx					~~~	~~~	~~~	~~~																										
Brandenburg	Construct Barrier Wall	3/2/2011	xxx	xxx	xxx	xxx					~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~																			
	Establish Truck Wash																																							
Neptune	Truck Wash Delivery	3/14/2011	xxx	xxx																													3/15/2011							
Brandenburg	Truck Wash Construction	3/14/2011	xxx	xxx	xxx	xxx					~~~	~~~	~~~	~~~																										

MLC Massena Demolition Three Week Look Ahead

PROJECT CODE: MA0481

LEGEND:

Scheduled ~~~

Actual xxx

Brandenburg Industrial Service Company
2217 Spillman Drive | Bethlehem, PA | 18015
Tel (610) 691-1800 | Fax (610) 691-4200

Date _____

Period From
Sheet

Sheet

3/16/2011

3/20/2011

To

1

[illegible]



March 25, 2011

By E-Mail and U.S. Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, New Jersey 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the "Site")
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order ("Order"), Index No. CERCLA-02-2010-2027, Motors Liquidation Company ("MLC"), please see attached the Weekly Progress Report for the Site. Please contact me at (937) 478-8221 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Pamela L. Barnett". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Pamela L. Barnett, PG
Project Manager
BOW Environmental Solutions, Inc. on behalf of MLC

**I. Compliance Activities Completed for the Period
(March 18, 2011 to March 24, 2011)**

Site Activities

Asbestos abatement contractor continued mobilization and site preparations, including loose equipment removal, and construction of critical barriers and abatement support structures in the administrative area and the boiler room.

Brandenburg continued mobilization and pre-demolition activities, including:

- New worker orientations / Site safety audits
- Completed Brandenburg's site trailer hook-ups; still working through internet access
- Continued chemical sweep and universal waste removal activities
- Completed demarcation of non-TSCA and TSCA-regulated areas
- TSCA-regulated equipment consolidation / staging nearly complete
- Continued equipment reservoir draining and preparation
- Continued area de-energizing / power isolation
- Continued mobilizing equipment including site office trailers and water treatment system
- Completed DOT permitting for heavy equipment mobilization shipments beginning March 28, 2011
- Rail cars ordered for scrap shipments
- Completed truck wash station set up
- Completed construction of water pre-treatment system
- Main natural gas supply line severed and plant lines purged
- Excavated, placed conduit, and poured duct bank from Butler building to manholes adjacent to 10 million gallon lagoon for electrical re-routes to outbuildings
- Continued CAMP background air monitoring as weather permits
- Submittal review and detail backup

See attached Three-Week Look Ahead Schedule for additional information.

Maintenance Activities

MLC provided assistance to Brandenburg as requested.

II. Analytical Data

No new analytical data were received during this period.

III. Site Activities Scheduled for the Upcoming Week

MLC will assist Brandenburg on an as-needed basis preparing for demolition.

Brandenburg will continue pre-demolition activities described above (see attached three week look ahead).

IV. Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

No waste manifests, bills of landing, or certificates of destruction were received during this period.

V. Project Submittals Status

The attached Table 1 summarizes submittals made during the prior reporting periods, submittals responded to, and submittals which continue to be under review.

ATTACHMENTS

1. Table 1 – Project Submittal Status
2. Three-Week Look Ahead Schedule

**Weekly Progress Report – March 25, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

2 copies (1 hard copy and 1 electronic copy):

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, New York 10007-1866
Attention: Anne Kelly

1 hard copy

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317 Washington Street
Watertown, New York 13601-3787
Peter S. Ouderkirk, P.E.

All Reports and Government Correspondence:

James M. Redwine, Esq.
Motors Liquidation Company
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, New Jersey 07495

Table 1 - Project Submittal Status
Former Powertrain Plant at Central Foundry Division Superfund Site
Massena, New York
Administrative Order Index No. CERCLA-02-2010-2027

Document Submitted	Date of Submittal to USEPA	Comments Received from USEPA	Approval Received from USEPA
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	21-Mar-2011		n.a.
Revised Phase I Site Operating Plans	17-Mar-2011		23-Mar-2011
Revised Phase I Site Operating Plans	4-Mar-2011		deferred - see above
Phase I Pre-Demolition Contractor Submittals	2-Mar-2011		n.a.
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	22-Feb-2011		n.a.
Letter Regarding Furnace / Potential Delay	21-Feb-2011		n.a.
Phase I Pre-Demolition Contractor Submittals	18-Feb-2011		n.a.
Disposition Facility and Transport Vendor Submittals	16-Feb-2011		
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	15-Feb-2011		n.a.
Revised Phase I Site Operating Plans	14-Jan-2011		deferred - see above
Request for Extension to Submit Revisions to Revised Phase I Site Operating Plan	4-Jan-2011		4-Jan-2011
Phase II Site Operating Plans	27-Dec-2010		
Additional Information Related to Onsite Vehicles sent via e-mail	3-Nov-2010		n.a.
Phase I Site Operating Plans	26-Oct-2010	23-Dec-2010	deferred - see above
WTC Contractor Selection for Survey Work	14-Oct-2010		n.a.
Phase I Site Operating Plans	29-Sep-2010	6-Oct-2010	deferred - see above
Contractor Use Notification for Perras on Priority 1 Items	27-Sep-2010		n.a.
Pull Ahead Request for Demolition Preparatory Work	27-Sep-2010	12-Oct-2010	
Memorandum of Routine Site Activities	22-Sep-2010		10/19/2010 (partial)
Sampling and Analysis Plan for Painted Surfaces on Stationary Process Equipment	10-Sep-2010		29-Sep-2010
Draft Assessment and Preparation Plan for Reusable Equipment for Sale and Table 1 - Sold Equipment Awaiting Approval to Proceed with Processing and Removal	10-Sep-2010		16-Sep-2010
Contractor Equipment Decontamination Work Plan	7-Sep-2010		16-Sep-2010
Massena Transformer Removal Work Plan	3-Sep-2010		n.a.
Contractor Selection Letter	2-Sep-2010		6-Oct-2010
Intent to Comply Letter	30-Aug-2010		n.a.
Designated Facility Coordinator Letter	27-Aug-2010		16-Sep-2010

n.a. = not applicable; approval not needed

MLC Massena Demolition Three Week Look Ahead

PROJECT CODE: MA0481

LEGEND:

Scheduled ~~~

Actual xxx

Brandenburg Industrial Service Company
2217 Spillman Drive | Bethlehem, PA | 18015
Tel (610) 691-1800 | Fax (610) 691-4200

Date	3/23/2011	
Period From	3/27/2011	To 4/16/2011
Sheet	1	Of 1

Responsibility	Activity Description	Actual Start	Previous Week							Scheduled Work Period																		Actual Completion	Remarks		
										First Week								Second Week							Third Week						
			3/21	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31	4/1	4/2	4/3	4/4	4/5	4/6	4/7	4/8	4/9	4/10	4/11	4/12	4/13	4/14				4/15
			M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa		
	General Conditions																														
USEPA	Phase 1 SOP Approval		~~~	~~~	~~~	xxx																								Ongoing/Projected/Critical	
MLC	Issue Contract		~~~	~~~	~~~	~~~																								Ongoing/Critical	
	Mobilization																														
ARCADIS	Process Equipment Identification	2/14/2011																												Pending Final EPA Approval	
ARCADIS/USEPA	Final Building Delineation																													Pending Final EPA Approval	
	Mobilization																														
Brandenburg	Order & Secure DOT permits for Large Equipment	3/18/2011	xxx	xxx	xxx	xxx																								On-Going Throughout Project	
Brandenburg	Mobilize large equipment			~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~																	
Verizon	Communication to Trailers	3/15/2011	~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~	~~~																	
	Submittals & Approvals																														
S&L Electric	Complete Electrical Submittal		~~~	~~~	~~~	~~~	~~~																							New layout provided to S&L on 3/23; awaiting response	
OP-TECH/NYSDDL	Variance Review	2/28/2011	~~~	~~~	~~~	~~~	~~~																							Anticipated response on 3/25	
	Pull Ahead Work																														
	Electrical Disconnects & Re-Routes																														
S&L Electric	Order Materials	2/22/2011	~~~	~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~	~~~																
S&L Electric	Excavate Trench to Manholes A & B			~~~	xxx	xxx	xxx			~~~	~~~	~~~	~~~	~~~			~~~	~~~													
S&L Electric	Lay Conduit in Trench				xxx	xxx	xxx			~~~	~~~	~~~	~~~	~~~			~~~	~~~													
S&L Electric	Pour Concrete Ductbank																	~~~	~~~	~~~	~~~				~~~	~~~	~~~				
S&L Electric	Backfill Conduit Trench																	~~~	~~~	~~~	~~~				~~~	~~~	~~~				
S&L Electric	Pour Substation Pad																													Contingent on Contract Change	
S&L Electric	Relocate feeds for Temp service from Sub #3									~~~	~~~	~~~	~~~	~~~																	
S&L Electric	Relocate Sub # 3																														
S&L Electric	Install Cable Tray from Bulter Bldg. to WWTP Supports																													Contingent on Contract Change and/or redesign changes	
Massena Electric	MED Pole Installation @ Scale House				xxx																										
S&L Electric	Feeder Installation to Scale House									~~~	~~~																				
S&L Electric	Install Wood Poles to Water Tower									~~~	~~~	~~~																			
S&L Electric	Feeder Installation to Water Tower												~~~				~~~	~~~	~~~												
	Mechanical Disconnects/Re-routes																														
Perras	Millwater/Waste Water Pipe Connection		~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~				~~~														
Perras	Stormwater Collection & Treatment Lagoon Pipe Connection		~~~	~~~	~~~	~~~											~~~	~~~	~~~	~~~				~~~	~~~	~~~					
Perras	Fire Protection Capping to Building																~~~	~~~	~~~	~~~				~~~	~~~	~~~					
Perras	Mill Water Capping to Building																~~~	~~~	~~~	~~~				~~~	~~~	~~~					
Perras	Temporary Roadway									~~~	~~~	~~~																			
	Temporary Fencing																														
Brandenburg	Subcontract & Order Materials	3/21/2011	xxx	xxx	xxx	xxx																									
Butler	Install Fencing						xxx			~~~	~~~	~~~	~~~																		
	Establish Environmental Controls																														
Brandenburg	Water Filter Set Up	3/16/2011		xxx	xxx	xxx																									
	Establish TSCA Work Area Barrier																														
Brandenburg	Construct Barrier Wall	3/2/2011		xxx	xxx	xxx	xxx																								
	Establish Truck Wash																														
Brandenburg	Truck Wash Construction	3/14/2011		xxx	xxx																								3/23/2011		
Brandenburg	Soil & Erosion Control																														
	Inlet Fabric Protection		~~~	~~~	~~~	~~~				~~~	~~~	~~~	~~~																		
	Environmental																														
	TSCA Work Area																													Contingent on Contract & SOP Approval	
Brandenburg	Universal Waste Collection	3/14/2011		xxx	xxx												~~~	~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~			partial in Admin. Area
Brandenburg	Hydraulic Fluid Draining																~~~	~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~			
Brandenburg	Chemical Sweep	3/14/2011		xxx	xxx												~~~	~~~	~~~	~~~	~~~			~~~	~~~	~~~	~~~	~~~			partial in Admin. Area

MLC Massena Demolition Three Week Look Ahead

PROJECT CODE: MA0481

LEGEND:

Scheduled ~~~

Actual xxx

Brandenburg Industrial Service Company
2217 Spillman Drive | Bethlehem, PA | 18015
Tel (610) 691-1800 | Fax (610) 691-4200

Date

3/23/2011

Period From

3/27/2011

To 4/16/2011

Sheet

1

1

[illegible]



April 1, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
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General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "M. Brendan Mullen". The signature is fluid and cursive, with the first and last names being more prominent.

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**Weekly Progress Report – April 1, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

**I. Compliance Activities Completed for the Period
(March 25, 2011 to March 31, 2011)**

Site Activities

Asbestos abatement contractor continued mobilization and site preparations, including loose equipment removal, and construction of critical barriers and abatement support structures in the administrative area and the boiler room. Contractor began removal of ACM in the administrative building area.

Brandenburg continued mobilization and pre-demolition activities, including:

- New worker orientations / Site safety audits
- Completed Brandenburg's site trailer hook-ups; still working through internet access
- Continued chemical sweep and universal waste removal activities
- Completed demarcation of non-TSCA and TSCA-regulated areas
- TSCA-regulated equipment consolidation / staging nearly complete
- Continued equipment reservoir draining and preparation
- Continued area de-energizing / power isolation
- Completed DOT permitting for heavy equipment mobilization shipments beginning March 28, 2011
- Rail cars ordered for scrap shipments
- Completed truck wash station set up
- Completed construction of water pre-treatment system
- Completed excavation and duct bank installation from Butler building to manholes adjacent to 10 million gallon lagoon for electrical re-routes to outbuildings
- Continued CAMP background air monitoring as weather permits
- Submittal review and detail backup
- Escorted lawyers representing BS Industrial into the facility for review and photos of the Vulcan castline furnace identified as the location of the Hondusky personal injury accident
- Completed electrical power to the USEPA office trailer
- Accepted delivery of one section of the triple-wide office trailer
- Collected waste profile samples of waste oil removed from facility equipment

See attached Three-Week Look Ahead Schedule for additional information.

Maintenance Activities

MLC provided assistance to Brandenburg as requested.

II. Analytical Data

No new analytical data were received during this period.

III. Site Activities Scheduled for the Upcoming Week

Off-site waste and scrap metal shipments will begin during the week of April 4, 2011.

ACM abatement work will continue in the administrative area and will also be initiated in the boiler room.

Triple-wide office trailer will be assembled and electrical will be connected.

Oily waste lines will be dye tested and the waste water pre-treatment system will go through start-up testing.

Brandenburg will continue pre-building demolition activities described above (see attached three week look ahead).

IV. Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

No waste manifests, bills of landing, or certificates of destruction were received during this period.

V. Project Submittals Status

The attached Table 1 summarizes submittals made during the prior reporting periods, submittals responded to, and submittals which continue to be under review.

ATTACHMENTS

1. Table 1 – Project Submittal Status
2. Three-Week Look Ahead Schedule

**Weekly Progress Report – April 1, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

2 copies (1 hard copy and 1 electronic copy):

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
Attention: Anne Kelly

1 hard copy

U.S. Environmental Protection Agency
2890 Woodbridge Avenue
Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

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New York State Department of Environmental Conservation
317 Washington Street
Watertown, NY 13601-3787
Peter S. Ouderkirk, P.E.

All Reports and Government Correspondence:

James M. Redwine, Esq.
RACER Trust
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

Table 1 - Project Submittal Status
Former Powertrain Plant at Central Foundry Division Superfund Site
Massena, New York
Administrative Order Index No. CERCLA-02-2010-2027

Document Submitted	Date of Submittal to USEPA	Comments Received from USEPA	Approval Received from USEPA
Phase I Pre-Demolition Contractor Submittals	29-Mar-2011		n.a.
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	21-Mar-2011		n.a.
Revised Phase I Site Operating Plans	17-Mar-2011		23-Mar-2011
Revised Phase I Site Operating Plans	4-Mar-2011		deferred - see above
Phase I Pre-Demolition Contractor Submittals	2-Mar-2011		n.a.
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	22-Feb-2011		n.a.
Letter Regarding Furnace / Potential Delay	21-Feb-2011		n.a.
Phase I Pre-Demolition Contractor Submittals	18-Feb-2011		n.a.
Disposition Facility and Transport Vendor Submittals	16-Feb-2011		
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	15-Feb-2011		n.a.
Revised Phase I Site Operating Plans	14-Jan-2011		deferred - see above
Request for Extension to Submit Revisions to Revised Phase I Site Operating Plan	4-Jan-2011		4-Jan-2011
Phase II Site Operating Plans	27-Dec-2010		
Additional Information Related to Onsite Vehicles sent via e-mail	3-Nov-2010		n.a.
Phase I Site Operating Plans	26-Oct-2010	23-Dec-2010	deferred - see above
WTC Contractor Selection for Survey Work	14-Oct-2010		n.a.
Phase I Site Operating Plans	29-Sep-2010	6-Oct-2010	deferred - see above
Contractor Use Notification for Perras on Priority 1 Items	27-Sep-2010		n.a.
Pull Ahead Request for Demolition Preparatory Work	27-Sep-2010	12-Oct-2010	
Memorandum of Routine Site Activities	22-Sep-2010		10/19/2010 (partial)
Sampling and Analysis Plan for Painted Surfaces on Stationary Process Equipment	10-Sep-2010		29-Sep-2010
Draft Assessment and Preparation Plan for Reusable Equipment for Sale and Table 1 - Sold Equipment Awaiting Approval to Proceed with Processing and Removal	10-Sep-2010		16-Sep-2010
Contractor Equipment Decontamination Work Plan	7-Sep-2010		16-Sep-2010
Massena Transformer Removal Work Plan	3-Sep-2010		n.a.
Contractor Selection Letter	2-Sep-2010		6-Oct-2010
Intent to Comply Letter	30-Aug-2010		n.a.
Designated Facility Coordinator Letter	27-Aug-2010		16-Sep-2010

n.a. = not applicable; approval not needed

[illegible]



April 8, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street
Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the "Site")
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order ("Order"), Index No. CERCLA-02-2010-2027, Motors Liquidation Company ("MLC"), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "M. Brendan Mullen". The signature is fluid and cursive, with the first and last names being more prominent.

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**I. Compliance Activities Completed for the Period
(April 1, 2011 to April 7, 2011)**

Site Activities

Asbestos abatement contractor continued site preparations, including construction of critical barriers and abatement support structures in the administrative area and the boiler room. Contractor continued removal of ACM in the administrative building area.

Brandenburg continued mobilization and pre-demolition activities, including:

- New worker orientations / Site safety audits
- Completed Brandenburg's site trailer hook-ups; still working through internet access
- Continued chemical sweep and universal waste removal activities
- TSCA-regulated equipment consolidation / staging nearly complete
- Continued Non TSCA equipment reservoir draining and preparation
- Continued area de-energizing / power isolation
- Dismantled and removed electrical Substation #3 in preparation for relocation to Butler building
- Completed excavation and reroute of existing fire protection pipeline and mill water reroute located west of the WTP building
- Completed construction of water pre-treatment system
- Initiated interior demolition in the southeast corner of the plant near track 9
- Confirmed oily waste line water collection by dye testing lines on east end of plant
- Completed electrical power to the USEPA office trailer
- Accepted delivery of all sections and began assembling the triple-wide office trailer complex
- Collected waste characterization samples of waste oil and waste glycol removed from facility equipment
- Continued third party air monitoring of ACM abatement activities, as needed.
- Completed establishing CAMP air monitoring background levels and continued CAMP air monitoring as weather permits
- Submittal review and detail backup

See attached Three-Week Look Ahead Schedule for additional information.

Maintenance Activities

MLC provided assistance to Brandenburg as requested.

II. Analytical Data

Preliminary analytical results for initial waste characterization samples collected on March 24-25, 2011 were received on April 5, 2011. Receipt of final analytical results is anticipated by April 9, 2011.

III. Site Activities Scheduled for the Upcoming Week

ACM abatement work will continue in the administrative area and will also be initiated in the boiler room (pending receipt of approved variance from NYSDOL).

Continue assembly of triple-wide office trailer and installation of electrical service connection.

The waste water pre-treatment system will go through initial start-up testing.

Brandenburg will continue pre-building demolition activities described above (see attached three week look ahead).

Brandenburg expects to begin C&D waste and scrap metal shipments the week of April 11, 2011.

IV. Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

No waste manifests, bills of landing, or certificates of destruction were received during this period.

V. Project Submittals Status

The attached Table 1 summarizes submittals made during the prior reporting periods, submittals responded to, and submittals which continue to be under review.

ATTACHMENTS

1. Table 1 – Project Submittal Status
2. Three-Week Look Ahead Schedule

**Weekly Progress Report – April 8, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

2 copies (1 hard copy and 1 electronic copy):

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U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
Attention: Anne Kelly

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317 Washington Street
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401 South Old Woodward Avenue, Suite 370
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Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

Table 1 - Project Submittal Status
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Massena, New York
Administrative Order Index No. CERCLA-02-2010-2027

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Phase I Pre-Demolition Contractor Submittals	4-Apr-2011		n.a.
Phase I Pre-Demolition Contractor Submittals	29-Mar-2011		n.a.
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Revised Phase I Site Operating Plans	17-Mar-2011		23-Mar-2011
Revised Phase I Site Operating Plans	4-Mar-2011		deferred - see above
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Contractor Equipment Decontamination Work Plan	7-Sep-2010		16-Sep-2010
Massena Transformer Removal Work Plan	3-Sep-2010		n.a.
Contractor Selection Letter	2-Sep-2010		6-Oct-2010
Intent to Comply Letter	30-Aug-2010		n.a.
Designated Facility Coordinator Letter	27-Aug-2010		16-Sep-2010

n.a. = not applicable; approval not needed

MLC Massena Demolition Three Week Look Ahead

PROJECT CODE: MA0481

LEGEND:

Scheduled ~~~~
Actual xxx
Travel Weekend

Brandenburg Industrial Service Company
2217 Spillman Drive | Bethlehem, PA | 18015
Tel (610) 691-1800 | Fax (610) 691-4200

Date 4/6/2011
Period From 4/10/2011 To 4/30/2011
Sheet 1 of 1

Responsibility	Activity Description	Actual Start	Previous Week						Scheduled Work Period																					Actual Completion	Remarks
									First Week							Second Week							Third Week								
			4/4	4/5	4/6	4/7	4/8	4/9	4/10	4/11	4/12	4/13	4/14	4/15	4/16	4/17	4/18	4/19	4/20	4/21	4/22	4/23	4/24	4/25	4/26	4/27	4/28	4/29	4/30		
			M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa		
Rapid Recovery	CFC Recovery (Stationary Units)	3/29/2011																													Partial by BISCO; Balance by Rapid Recovery
Brandenburg	Universal Waste Collection																														
Brandenburg	Col. 35 - 55	3/1/2011	xxx																										4/4/2011	Accessible below roff trusses completed	
Brandenburg	Col. P - Q				xxx	xxx	xxx																								
Brandenburg	J35 - R35 to J29 - Q29		xxx	xxx	xxx	xxx	xxx																								
Brandenburg	Hydraulic Fluid Draining																														
Brandenburg	Col. 35 - 55	3/3/2011																											4/4/2011		
Brandenburg	Col. P - Q	4/5/2011				xxx	xxx																								
Brandenburg	J35 - R35 to J29 - Q29	4/4/2011	xxx	xxx																											
ARCADIS	Drained Fluid Characterization	3/24/2011																													awaiting profiles to submit to receiving facility
Brandenburg	Chemical Sweep	3/1/2011																													
Brandenburg	Col. 35 - 55	3/1/2011	xxx																										4/4/2011		
Brandenburg	Col. P - Q	4/5/2011			xxx	xxx	xxx	xxx																							
Brandenburg	J35 - R35 to J29 - Q29	4/4/2011	xxx	xxx																											
OP-TECH	Asbestos Abatement																														Based on Purchase Order & EPA E-Mail 1/21 Approval
OP-TECH	Main Plant Interior Abatement																														
OP-TECH	Safety Switches	4/4/2011	xxx																												Investigation for switches as electric is disconnected
OP-TECH	Drier Door Gaskets																														
OP-TECH	Doors & Windows																														
OP-TECH	Pipe Fittings																														Upon receipt of variance
OP-TECH	Prep. Work Area for Duct Insulation	3/22/2011	xxx	xxx	xxx																								4/6/2011	Prep complete for variance request compliance	
OP-TECH	Abatement Duct Insulation																														Upon approval of variance
OP-TECH	Tear Down Duct Abatement Work Area																														
OP-TECH	Main Plant Exterior (not including Roofing)																														
OP-TECH	Elec. Rm.-Window Caulk-Bay 47 & 48																														
OP-TECH	No. Side: Window Caulk on Brick																														
OP-TECH	No. Side: Caulk-Brick to Siding																														
OP-TECH	No. Side M35-Tar Sealant on Foam Pipe																														
OP-TECH	W. M35-White Sealant on Round Duct																														
OP-TECH	Substations H37-Black Wrap on Pipe																														
OP-TECH	Substation H37; Caulk on Substation Doors																														
OP-TECH	B44 Area-Caulk on AHU's (3)																														Location is confirmed in TSCA area
OP-TECH	Caulk on Blower Units (16)																														
OP-TECH	D37 Area-Cloth Flange Gaskets																														
	Demolition																														
	NON TSCA Work Area																														Contigent on Contract Negotiations & SOP Approval
Brandenburg	Small Moveable Equipment Consolidation	4/5/2011		xxx	xxx	xxx	xxx																								
Brandenburg	Stationary Process Equipment Removal (Interior Gut Out)																														
Brandenburg	Col. 35 - 55																														
Brandenburg	Col. P - Q																														
Brandenburg	J35 - R35 to J29 - Q29																														
Brandenburg	Structural Demolition																														Separation of Bldg. Scheduled for 5/2/2011



**Revitalizing Auto Communities
Environmental Response Trust**

April 15, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street
Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**I. Compliance Activities Completed for the Period
(April 8, 2011 to April 14, 2011)**

Site Activities

On April 8, 2011, the asbestos abatement contractor received NYSDOL approval of the site-specific Variance Petition submitted on March 8, 2011 on behalf of MLC. The asbestos abatement contractor continued site preparations, including construction of critical barriers and abatement support structures in the administrative area and the boiler room. Contractor completed removal of ACM in the north boiler room and continued removal activities in the administrative building area.

Brandenburg continued mobilization and pre-demolition activities, including:

- New worker orientations / Site safety audits
- Completed Brandenburg's site trailer hook-ups; still working through internet access issues for office trailer complex
- Completed construction of the triple-wide office trailer complex
- Completed electrical power to the USEPA and ARCADIS office trailers
- Continued area de-energizing / power isolation, as needed
- Completed chemical sweep and universal waste removal activities (excluding inaccessible light fixtures above roof truss) within the Non-TSCA portion of the main plant
- Completed Non-TSCA equipment reservoir draining and preparation
- TSCA-regulated equipment consolidation / staging nearly complete
- Began equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant
- Dismantled and removed electrical Substation #3 in preparation for relocation to Butler building
- Poured concrete support pad and began pulling electrical cable within Butler building for relocation of Substation #3 and within the newly installed duct bank for electrical feed to Red Shed and other outbuildings
- Completed excavation and reroute of existing fire protection pipeline and mill water reroute located west of the WTP building
- Completed construction of water pre-treatment system
- Initiated interior demolition in the southeast corner of the plant near track 9 (bounded by columns F37-47 and P37-47)
- Confirmed oily waste line water collection by dye testing lines on east end of plant. Based on dye testing results, outlet of interior oily waste line water manhole located near column B39 was plugged and will be utilized for pumping water generated from demolition activities to the pre-treatment system
- Continued collection of waste characterization samples of waste oils removed from facility equipment

**Weekly Progress Report – April 15, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

- Continued third party air monitoring of ACM abatement activities, as needed, including final air clearance samples following completion of the north boiler room ACM removals
- Conducted CAMP air monitoring, as weather permits, with no exceedances of site action levels
- Completed final review addressing litigation in the Cast Lines for all interested parties, and area released to Contractor for cleanup activities
- Submittal review and detail backup

See attached Three-Week Look Ahead Schedule for additional information.

Maintenance Activities

MLC provided assistance to Brandenburg as requested.

II. Analytical Data

Final analytical results for initial waste characterization samples collected March 24 through March 28, 2011 were received on April 8, 2011 (attached).

III. Site Activities Scheduled for the Upcoming Week

ACM abatement work will continue in the administrative area.

The waste water pre-treatment system will go through initial start-up testing.

Brandenburg will continue pre-building demolition activities described above (see attached three week look ahead).

Brandenburg expects to begin C&D waste and scrap metal shipments the week of April 18, 2011.

IV. Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

No waste manifests, bills of landing, or certificates of destruction were received during this period.

V. Project Submittals Status

The attached Table 1 summarizes submittals made during the prior reporting periods, submittals responded to, and submittals which continue to be under review.

**Weekly Progress Report – April 15, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

ATTACHMENTS

1. Table 1 – Project Submittal Status
2. Three-Week Look Ahead Schedule
3. Analytical Data Reports (electronic version only)
 - a. Test America Report #A1C280419 dated April 8, 2011
 - b. Test America Report #A1C300452 dated April 8, 2011

**Weekly Progress Report – April 15, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

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RACER Trust
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ARCADIS
One International Boulevard, Suite 406
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Revised Phase I Site Operating Plans	4-Mar-2011		deferred - see above
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Contractor Selection Letter	2-Sep-2010		6-Oct-2010
Intent to Comply Letter	30-Aug-2010		n.a.
Designated Facility Coordinator Letter	27-Aug-2010		16-Sep-2010

n.a. = not applicable; approval not needed

PROJECT CODE: MA0481

Brandenburg Industrial Service Company
2217 Spillman Drive | Bethlehem, PA | 18015
Tel (610) 691-1800 | Fax (610) 691-4200

Date	4/13/2011			
Period From	4/17/2011	To	5/7/2011	
Sheet	1	Of	1	

[illegible]

PROJECT CODE: MA0481

Brandenburg Industrial Service Company
2217 Spillman Drive | Bethlehem, PA | 18015
Tel (610) 691-1800 | Fax (610) 691-4200

Date	4/13/2011		
Period From	4/17/2011	To	5/7/2011
Sheet	1	Of	1

Responsibility	Activity Description	Actual Start	Previous Week							Scheduled Work Period																												Actual Completion	Remarks
										First Week							Second Week							Third Week															
			4/11	4/12	4/13	4/14	4/15	4/16	4/17	4/18	4/19	4/20	4/21	4/22	4/23	4/24	4/25	4/26	4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7										
			M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa										
Brandenburg	Col. 35 - 55	3/1/2011	xxx																											4/4/2011	Accessible below roof trusses completed								
Brandenburg	Col. P - Q	4/6/2011	xxx																											4/11/2011									
Brandenburg	J35 - R35 to J29 - Q29	4/4/2011	xxx																											4/11/2011									
Brandenburg	Hydraulic Fluid Draining																																						
Brandenburg	Col. P - Q	4/5/2011	xxx	xxx																										4/12/2011									
Brandenburg	J35 - R35 to J29 - Q29	4/4/2011	xxx	xxx																										4/12/2011									
ARCADIS	Drained Fluid Characterization	3/24/2011	~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~			~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~																		awaiting profiles to submit to receiving facility								
Brandenburg	Chemical Sweep																																						
Brandenburg	Col. P - Q	4/5/2011	xxx	xxx																										4/12/2011									
Brandenburg	J35 - R35 to J29 - Q29	4/4/2011	xxx	xxx																										4/12/2011									
OP-TECH	Asbestos Abatement																																						
OP-TECH	Main Plant Interior Abatement																																						
OP-TECH	Safety Switches	4/4/2011	xxx																												Investigation for switches as electric is disconnected								
OP-TECH	Drier Door Gaskets	4/13/2011			xxx	~ ~ ~																																	
OP-TECH	Doors & Windows									~ ~ ~	~ ~ ~																												
OP-TECH	Pipe Fittings					~ ~ ~				~ ~ ~																													
OP-TECH	Abatement Duct Insulation	4/13/2011			xxx	xxx																																	
OP-TECH	Tear Down Duct Abatement Work Area									~ ~ ~																													
OP-TECH	Main Plant Exterior (not including Roofing)																																						
OP-TECH	Elec. Rm.-Window Caulk-Bay 47 & 48											~ ~ ~	~ ~ ~																										
OP-TECH	No. Side; Window Caulk on Brick									~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~																										
OP-TECH	No. Side; Caulk-Brick to Siding											~ ~ ~																											
OP-TECH	No. Side M35-Tar Sealant on Foam Pipe																							~ ~ ~	~ ~ ~														
OP-TECH	W. M35-White Sealant on Round Duct																							~ ~ ~	~ ~ ~														
OP-TECH	Substations H37-Black Wrap on Pipe																							~ ~ ~	~ ~ ~														
OP-TECH	Substation H37; Caulk on Substation Doors																																						
OP-TECH	B44 Area-Caulk on AHU's (3)																														Location is confirmed in TSCA area								
OP-TECH	Caulk on Blower Units (16)																							~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~												
OP-TECH	D37 Area-Cloth Flange Gaskets									~ ~ ~	~ ~ ~																												
OP-TECH	Prep. Interior-20 Substations																							~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~											
OP-TECH	Sealant Abatement-20 Substations																							~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~											
OP-TECH	Misc. Out Building																																						
OP-TECH	Scale House-Caulk on Brick																							~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~												
	Demolition																																						
	NON TSCA Work Area																																						
Brandenburg	Stationary Process Equipment Removal (Interior Gut Out)																																						
Brandenburg	Col. 35 - 55	4/5/2011	xxx	xxx	xxx	xxx	xxx			~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~																										
Brandenburg	Col. P - Q											~ ~ ~	~ ~ ~											~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~												
Brandenburg	J35 - R35 to J29 - Q29											~ ~ ~	~ ~ ~											~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~												
Brandenburg	Structural Demolition																																						
Brandenburg	Building Separation																							~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~											
Brandenburg	Col. 35 - 55																							~ ~ ~	~ ~ ~		~ ~ ~	~ ~ ~											
	TSCA Work Area																														Contingent on Contract Issuance								
Brandenburg	Small Moveable Equipment Consolidation									~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~																										
Brandenburg	Stationary Process Equipment Removal																																						
Brandenburg	B1 - G1 to B33 - G33																							~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~												
Brandenburg	G1 - J1 to G29 - J29																							~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~	~ ~ ~											
Brandenburg	J1 - N1 to J29 - N29																																						

ANALYTICAL REPORT

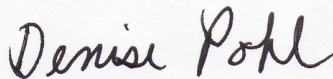
WASTE CHARACTERIZATION MASSENA

Lot #: A1C280419

Richard Boelter

ARCADIS U.S., Inc.
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Syracuse, NY 13214

TESTAMERICA LABORATORIES, INC.



Denise Pohl
Project Manager
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Approved for release.
Denise Pohl
Project Manager
4/8/2011 1:21 PM

April 08, 2011

TestAmerica Laboratories, Inc.

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CASE NARRATIVE

A1C280419

The following report contains the analytical results for two solid samples, two waste samples and two water samples submitted to TestAmerica North Canton by Arcadis U.S., Inc. from the WASTE CHARACTERIZATION MASSENA Site. The samples were received March 26, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Dan Kemp and Richard Boelter on April 05, 2011, and Dan Kemp and Richard Boelter on April 07, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise Pohl, at 330-497-9396.

CASE NARRATIVE (continued)

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 4.2°C.

Sample(s) OIL-WC HYD TANK A&B D49(032411), WTR-WC CHILL WTR BLDG(032411), WTR-WC PIPE B45(032411), B-WC SOIL/SLUDGE B33(032511), OIL-WC AUCTION DRUM B35(032511), and B-WHITE SAND P45(032511) could not be analyzed within holding times for pH and Sulfide, because the request for the test was made after the holding time for the sample expired. The analyses were not listed on the COC and added by the client. Sulfides have a seven (7) day hold time and pH has a twenty-four (24) hour hold time from the collection.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

There were no client requested Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples in batch(es) 1090164. Therefore, the laboratory has included a Laboratory Control Sample Duplicate (LCSD) in the QC batch. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system.

Batch(es) 1090164 had recoveries and/or RPDs out high in the LCSD for Toluene. Since Toluene was not a compound of interest in the samples, no corrective action was required.

Sample(s) WTR-WC CHILL WTR BLDG(032411) had elevated reporting limits due to TICs.

Sample(s) WTR-WC PIPE B45(032411) had elevated reporting limits due to foaming.

CASE NARRATIVE (continued)

GC/MS SEMIVOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for OIL-WC HYD TANK A&B D49(032411) had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

Sample(s) OIL-WC HYD TANK A&B D49(1032411), WTR-WC CHILL WTR BLDG(032411), WTR-WC PIPE B45(032411), and OIL-WC AUCTION DRUM B35(032511) had elevated reporting limits due to matrix interferences.

POLYCHLORINATED BIPHENYLS-8082

The matrix spike/matrix spike duplicate(s) for B-WC SOIL/SLUDGE B33(032511) had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 1088046 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

Sample(s) OIL-WC AUCTION DRUM B35(032511) and WTR-WC CHILL WTR BLDG(032411) had elevated reporting limits due to matrix interference that routine clean-up techniques could not remove.

The opening CCV failed low due to insufficient sample volume. A reanalysis could not occur. The sample(s) WTR-WC PIPE B45(032411) was consumed; therefore, a re-extraction could not be performed. The data is reported.

Insufficient sample volume was provided to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch(es) 1088045.

CASE NARRATIVE (continued)

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The reporting limit is elevated due to limited sample volume. Refer to the sample report pages for the affected analytes flagged with "V".

The matrix spike/matrix spike duplicate(s) for batch(es) 1097302 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The Sulfide matrix spike/matrix spike duplicate for batch(es) 1096134 also supports the samples in batch(es) 1096133.

The Cyanide matrix spike/matrix spike duplicate for batch(es) 1096299 also supports the samples in batch(es) 1096298.

The Flash Point sample duplicate for batch(es) 1096369 also supports the samples in batch(es) 1096370.

The associated Cyanide sample(s) OIL-WC HYD TANK A&B D49(032411) tested positive for Sulfide interference. Sulfide will distill over with the Cyanide and could affect the colorimetric procedure. Each sample is tested for the presence of Sulfide using Lead Acetate paper. If Sulfide is present, the Lead Acetate paper darkens and the samples are treated with Cadmium Carbonate to precipitate out the Sulfide. This is noted on the Cyanide benchsheet.

CASE NARRATIVE (continued)

GENERAL CHEMISTRY (continued)

According to the updates in 40-CFR, Cyanide samples that test positive for Sulfide presence must be analyzed within 48 hours of sampling. It is TestAmerica's policy to analyze samples within method recommended holding times, however, due to sampling and shipping times, it was not possible to analyze the associated Cyanide samples that have tested positive for Sulfide interference within 48 hours. The samples were treated with cadmium carbonate for the Sulfide interference as per the SOP, and data is reported.

The associated sample(s) OIL-WC HYD TANK A&B D49(032411) and OIL-WC AUCTION DRUM B35(032511) were logged for pH 9045C, but due to the matrix of the samples they were analyzed using pH paper instead.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.

For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the reparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' - Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals ICP-MS</u>	<u>Metals ICP Trace</u>
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the reparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.



TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY - Detection Highlights

A1C280419

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OIL-WC HYD TANK A&B D49(032411) 03/24/11 15:00 001				
Barium - TCLP	0.21 B,J	10.0	mg/L	SW846 6010B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	6.0		No Units	SW846 9045C
WTR-WC CHILL WTR BLDG(032411) 03/24/11 15:50 002				
Mercury - TCLP	0.00019 B	0.0020	mg/L	SW846 7470A
Arsenic - TCLP	0.069 B	0.50	mg/L	SW846 6010B
Barium - TCLP	0.92 B,J	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.060 B	0.10	mg/L	SW846 6010B
m-Cresol & p-Cresol	0.11 J	2.0	mg/L	SW846 8270C
2-Butanone (MEK)	11	5.0	mg/L	SW846 8260B
Flashpoint	>180		deg F	SW846 1010
pH (liquid)	5.0		No Units	SW846 9040B
Acid-soluble sulfide	0.97 B	3.0	mg/L	SW846 9030B/9034
WTR-WC PIPE B45(032411) 03/24/11 16:10 003				
Barium - TCLP	0.057 B,J	10.0	mg/L	SW846 6010B
Lead - TCLP	0.055 B	0.50	mg/L	SW846 6010B
Selenium - TCLP	0.88	0.25	mg/L	SW846 6010B
2-Butanone (MEK)	0.57 J	2.0	mg/L	SW846 8260B
Flashpoint	>180		deg F	SW846 1010
pH (liquid)	8.1		No Units	SW846 9040B
B-WC SOIL/SLUDGE B33(032511) 03/25/11 09:00 004				
Aroclor 1248	5400	370	mg/kg	SW846 8082
Aroclor 1260	370	370	mg/kg	SW846 8082
Barium - TCLP	0.61 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.0016 B	0.10	mg/L	SW846 6010B
Lead - TCLP	0.018 B	0.50	mg/L	SW846 6010B
Selenium - TCLP	0.012 B	0.25	mg/L	SW846 6010B
m-Cresol & p-Cresol	0.0093 J	0.040	mg/L	SW846 8270C
Flashpoint	>180		deg F	SW846 1010
pH (solid)	7.8		No Units	SW846 9045C
Percent Solids	44.1	10.0	%	MCAWW 160.3 MOD
OIL-WC AUCTION DRUM B35(032511) 03/25/11 09:30 005				
Barium - TCLP	0.36 B,J	10.0	mg/L	SW846 6010B
Lead - TCLP	0.55	0.50	mg/L	SW846 6010B
Benzene	0.17 J	0.50	mg/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C280419

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OIL-WC AUCTION DRUM B35(032511) 03/25/11 09:30 005				
2-Butanone (MEK)	1.8 J	5.0	mg/L	SW846 8260B
Flashpoint	>180		deg F	SW846 1010
Total Organic Halogens	34.8 B	200	mg/kg	SW846 9020B
pH (solid)	8.0		No Units	SW846 9045C
B-WHITE SAND P45(032511) 03/25/11 10:45 006				
Aroclor 1248	0.065	0.033	mg/kg	SW846 8082
Mercury - TCLP	0.00014 B	0.0020	mg/L	SW846 7470A
Barium - TCLP	0.12 B	10.0	mg/L	SW846 6010B
Chromium - TCLP	0.0031 B	0.50	mg/L	SW846 6010B
Lead - TCLP	0.0049 B	0.50	mg/L	SW846 6010B
Selenium - TCLP	0.0066 B	0.25	mg/L	SW846 6010B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	8.2		No Units	SW846 9045C
Percent Solids	99.9	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A1C280419

PARAMETER	ANALYTICAL METHOD
pH Aqueous	SW846 9040B
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Pensky-Martens Method for Determining Ignitability	SW846 1010
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Soil and Waste pH	SW846 9045C
Sulfides, Total 9030B/9034	SW846 9030B/9034
Total Organic Halogens	SW846 9020B
Total Residue as Percent Solids	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260B

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A1C280419

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MF8WV	001	OIL-WC HYD TANK A&B D49(032411)	03/24/11	15:00
MF8W1	002	WTR-WC CHILL WTR BLDG(032411)	03/24/11	15:50
MF8W2	003	WTR-WC PIPE B45(032411)	03/24/11	16:10
MF8W3	004	B-WC SOIL/SLUDGE B33(032511)	03/25/11	09:00
MF8W5	005	OIL-WC AUCTION DRUM B35(032511)	03/25/11	09:30
MF8W8	006	B-WHITE SAND P45(032511)	03/25/11	10:45

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC HYD TANK A&B D49(032411)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C280419-001 Work Order #...: MF8WV1AR Matrix.....: LO
 Date Sampled...: 03/24/11 15:00 Date Received...: 03/26/11
 Leach Date.....: 03/28/11 Prep Date.....: 03/30/11 Analysis Date...: 03/30/11
 Leach Batch #...: P108802 Prep Batch #...: 1090164
 Dilution Factor: 20
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.50	mg/L	0.0026
2-Butanone (MEK)	ND	5.0	mg/L	0.011
Carbon tetrachloride	ND	0.50	mg/L	0.0026
Chlorobenzene	ND	0.50	mg/L	0.0030
Chloroform	ND	0.50	mg/L	0.0032
1,2-Dichloroethane	ND	0.50	mg/L	0.0044
1,1-Dichloroethylene	ND	0.50	mg/L	0.0038
Tetrachloroethylene	ND	0.50	mg/L	0.0058
Trichloroethylene	ND	0.50	mg/L	0.0034
Vinyl chloride	ND	0.50	mg/L	0.0044

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Dibromofluoromethane	93		(36 - 132)	
1,2-Dichloroethane-d4	91		(55 - 120)	
Toluene-d8	103		(29 - 132)	
4-Bromofluorobenzene	86		(27 - 136)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC HYD TANK A&B D49(032411)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C280419-001 Work Order #...: MF8WV1AT Matrix.....: LO
 Date Sampled...: 03/24/11 15:00 Date Received...: 03/26/11
 Leach Date.....: 03/29/11 Prep Date.....: 03/30/11 Analysis Date...: 04/01/11
 Leach Batch #...: P108804 Prep Batch #...: 1089158
 Dilution Factor: 50
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	250	mg/L	0.040
m-Cresol & p-Cresol	ND	2500	mg/L	0.00075
1,4-Dichlorobenzene	ND	250	mg/L	0.017
2,4-Dinitrotoluene	ND	1200	mg/L	0.014
Hexachlorobenzene	ND	1200	mg/L	0.0050
Hexachlorobutadiene	ND	1200	mg/L	0.014
Hexachloroethane	ND	1200	mg/L	0.040
Nitrobenzene	ND	250	mg/L	0.0020
Pentachlorophenol	ND	2500	mg/L	0.12
Pyridine	ND	1200	mg/L	0.018
2,4,5-Trichloro-phenol	ND	1200	mg/L	0.015
2,4,6-Trichloro-phenol	ND	1200	mg/L	0.040

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Nitrobenzene-d5	0.0	DIL, *	(33 - 123)	
2-Fluorobiphenyl	0.0	DIL, *	(29 - 114)	
Terphenyl-d14	0.0	DIL, *	(42 - 124)	
Phenol-d5	0.0	DIL, *	(10 - 115)	
2-Fluorophenol	0.0	DIL, *	(10 - 114)	
2,4,6-Tribromophenol	0.0	DIL, *	(20 - 126)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC HYD TANK A&B D49(032411)

GC Semivolatiles

Lot-Sample #...: A1C280419-001 Work Order #...: MF8WV1AA Matrix.....: LO
 Date Sampled...: 03/24/11 15:00 Date Received..: 03/26/11
 Prep Date.....: 03/29/11 Analysis Date..: 03/30/11
 Prep Batch #...: 1088046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	103		(10 - 196)	
Decachlorobiphenyl	44		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC HYD TANK A&B D49(032411)

TCLP Metals

Lot-Sample #...: A1C280419-001

Matrix.....: LO

Date Sampled...: 03/24/11 15:00 Date Received...: 03/26/11

Leach Date.....: 03/29/11 Leach Batch #...: P108804

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1089190						
Arsenic	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8WV1AV
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.21 B,J	10.0	mg/L	SW846 6010B	03/30-03/31/11	MF8WV1AW
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	ND	0.10	mg/L	SW846 6010B	03/30-03/31/11	MF8WV1AX
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8WV1A0
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8WV1A1
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8WV1A2
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8WV1A3
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND	0.033	mg/L	SW846 7470A	03/30-03/31/11	MF8WV1AU
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC HYD TANK A&B D49(032411)

General Chemistry

Lot-Sample #...: A1C280419-001 Work Order #...: MF8WV Matrix.....: LO
 Date Sampled...: 03/24/11 15:00 Date Received..: 03/26/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	6.0		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	03/31/11	1090287
			Dilution Factor: 1	MDL.....: 15.0		

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC CHILL WTR BLDG(032411)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C280419-002 Work Order #...: MF8W11AC Matrix.....: WW
 Date Sampled...: 03/24/11 15:50 Date Received...: 03/26/11
 Leach Date.....: 03/28/11 Prep Date.....: 03/29/11 Analysis Date...: 03/30/11
 Leach Batch #...: P108701 Prep Batch #...: 1089120
 Dilution Factor: 20
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.50	mg/L	0.0026
2-Butanone (MEK)	11	5.0	mg/L	0.011
Carbon tetrachloride	ND	0.50	mg/L	0.0026
Chlorobenzene	ND	0.50	mg/L	0.0030
Chloroform	ND	0.50	mg/L	0.0032
1,2-Dichloroethane	ND	0.50	mg/L	0.0044
1,1-Dichloroethylene	ND	0.50	mg/L	0.0038
Tetrachloroethylene	ND	0.50	mg/L	0.0058
Trichloroethylene	ND	0.50	mg/L	0.0034
Vinyl chloride	ND	0.50	mg/L	0.0044

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Dibromofluoromethane	87		(84 - 128)	
1,2-Dichloroethane-d4	86		(80 - 121)	
Toluene-d8	100		(90 - 115)	
4-Bromofluorobenzene	87		(70 - 124)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC CHILL WTR BLDG(032411)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C280419-002 Work Order #...: MF8W11AD Matrix.....: WW
 Date Sampled...: 03/24/11 15:50 Date Received...: 03/26/11
 Leach Date.....: 03/28/11 Prep Date.....: 03/29/11 Analysis Date...: 04/04/11
 Leach Batch #...: P108702 Prep Batch #...: 1088094
 Dilution Factor: 50
 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	0.20	mg/L	0.040
m-Cresol & p-Cresol	0.11 J	2.0	mg/L	0.00075
1,4-Dichlorobenzene	ND	0.20	mg/L	0.017
2,4-Dinitrotoluene	ND	1.0	mg/L	0.014
Hexachlorobenzene	ND	1.0	mg/L	0.0050
Hexachlorobutadiene	ND	1.0	mg/L	0.014
Hexachloroethane	ND	1.0	mg/L	0.040
Nitrobenzene	ND	0.20	mg/L	0.0020
Pentachlorophenol	ND	2.0	mg/L	0.12
Pyridine	ND	1.0	mg/L	0.018
2,4,5-Trichloro-phenol	ND	1.0	mg/L	0.015
2,4,6-Trichloro-phenol	ND	1.0	mg/L	0.040

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Nitrobenzene-d5	0.0 DIL, *	(27 - 110)
2-Fluorobiphenyl	0.0 DIL, *	(20 - 110)
Terphenyl-d14	0.0 DIL, *	(44 - 110)
Phenol-d5	0.0 DIL, *	(10 - 110)
2-Fluorophenol	0.0 DIL, *	(10 - 110)
2,4,6-Tribromophenol	61 DIL	(28 - 110)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC CHILL WTR BLDG(032411)

GC Semivolatiles

Lot-Sample #...: A1C280419-002 Work Order #...: MF8W11AA Matrix.....: WW
 Date Sampled...: 03/24/11 15:50 Date Received..: 03/26/11
 Prep Date.....: 03/29/11 Analysis Date..: 04/04/11
 Prep Batch #...: 1088045
 Dilution Factor: 5 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Aroclor 1016	ND	0.32	ug/L	0.32
Aroclor 1221	ND	0.32	ug/L	0.32
Aroclor 1232	ND	0.32	ug/L	0.32
Aroclor 1242	ND	0.32	ug/L	0.32
Aroclor 1248	ND	0.32	ug/L	0.32
Aroclor 1254	ND	0.32	ug/L	0.32
Aroclor 1260	ND	0.32	ug/L	0.32

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Tetrachloro-m-xylene	135 DIL, *	(27 - 130)
Decachlorobiphenyl	15 DIL	(10 - 127)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Elevated reporting limits. The reporting limits are elevated due to matrix interference.

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC CHILL WTR BLDG(032411)

TCLP Metals

Lot-Sample #...: A1C280419-002

Matrix.....: WW

Date Sampled...: 03/24/11 15:50 Date Received...: 03/26/11

Leach Date.....: 03/28/11 Leach Batch #...: P108702

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1088024						
Arsenic	0.069 B	0.50	mg/L	SW846 6010B	03/29-03/31/11	MF8W11AF
		Dilution Factor: 20		MDL.....: 0.064		
Barium	0.92 B,J	10.0	mg/L	SW846 6010B	03/29-03/31/11	MF8W11AG
		Dilution Factor: 20		MDL.....: 0.013		
Cadmium	0.060 B	0.10	mg/L	SW846 6010B	03/29-03/31/11	MF8W11AH
		Dilution Factor: 20		MDL.....: 0.013		
Chromium	ND	0.50	mg/L	SW846 6010B	03/29-03/31/11	MF8W11AJ
		Dilution Factor: 20		MDL.....: 0.044		
Lead	ND	0.50	mg/L	SW846 6010B	03/29-03/31/11	MF8W11AK
		Dilution Factor: 20		MDL.....: 0.038		
Selenium	ND	0.25	mg/L	SW846 6010B	03/29-03/31/11	MF8W11AL
		Dilution Factor: 20		MDL.....: 0.082		
Silver	ND	0.50	mg/L	SW846 6010B	03/29-03/31/11	MF8W11AM
		Dilution Factor: 20		MDL.....: 0.044		
Mercury	0.00019 B	0.0020	mg/L	SW846 7470A	03/29/11	MF8W11AE
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC CHILL WTR BLDG(032411)

General Chemistry

Lot-Sample #...: A1C280419-002 Work Order #...: MF8W1 Matrix.....: WW
Date Sampled...: 03/24/11 15:50 Date Received..: 03/26/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (liquid)	5.0		No Units	SW846 9040B	04/07/11	1097341
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	0.97 B	3.0	mg/L	SW846 9030B/9034	04/06/11	1096142
			Dilution Factor: 1	MDL.....: 0.94		
Cyanide, Total	ND V	0.50	mg/L	SW846 9012A	04/07/11	1097301
			Dilution Factor: 50	MDL.....: 0.25		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

V Elevated reporting limit. The reporting limit is elevated due to limited sample volume.

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC PIPE B45(032411)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C280419-003 Work Order #...: MF8W21AC Matrix.....: WW
 Date Sampled...: 03/24/11 16:10 Date Received...: 03/26/11
 Leach Date.....: 03/28/11 Prep Date.....: 03/29/11 Analysis Date...: 03/30/11
 Leach Batch #...: P108701 Prep Batch #...: 1089120
 Dilution Factor: 8
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.20	mg/L	0.0010
2-Butanone (MEK)	0.57 J	2.0	mg/L	0.0046
Carbon tetrachloride	ND	0.20	mg/L	0.0010
Chlorobenzene	ND	0.20	mg/L	0.0012
Chloroform	ND	0.20	mg/L	0.0013
1,2-Dichloroethane	ND	0.20	mg/L	0.0018
1,1-Dichloroethylene	ND	0.20	mg/L	0.0015
Tetrachloroethylene	ND	0.20	mg/L	0.0023
Trichloroethylene	ND	0.20	mg/L	0.0014
Vinyl chloride	ND	0.20	mg/L	0.0018

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Dibromofluoromethane	90		(84 - 128)	
1,2-Dichloroethane-d4	92		(80 - 121)	
Toluene-d8	102		(90 - 115)	
4-Bromofluorobenzene	88		(70 - 124)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311
 J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC PIPE B45(032411)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C280419-003 Work Order #...: MF8W21AD Matrix.....: WW
 Date Sampled...: 03/24/11 16:10 Date Received...: 03/26/11
 Leach Date.....: 03/28/11 Prep Date.....: 03/29/11 Analysis Date...: 04/04/11
 Leach Batch #...: P108702 Prep Batch #...: 1088094
 Dilution Factor: 20
 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	0.080	mg/L	0.016
m-Cresol & p-Cresol	ND	0.80	mg/L	0.00075
1,4-Dichlorobenzene	ND	0.080	mg/L	0.0068
2,4-Dinitrotoluene	ND	0.40	mg/L	0.0054
Hexachlorobenzene	ND	0.40	mg/L	0.0020
Hexachlorobutadiene	ND	0.40	mg/L	0.0054
Hexachloroethane	ND	0.40	mg/L	0.016
Nitrobenzene	ND	0.080	mg/L	0.00080
Pentachlorophenol	ND	0.80	mg/L	0.048
Pyridine	ND	0.40	mg/L	0.0070
2,4,5-Trichloro-phenol	ND	0.40	mg/L	0.0060
2,4,6-Trichloro-phenol	ND	0.40	mg/L	0.016

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Nitrobenzene-d5	78 DIL	(27 - 110)
2-Fluorobiphenyl	80 DIL	(20 - 110)
Terphenyl-d14	82 DIL	(44 - 110)
Phenol-d5	0.0 DIL, *	(10 - 110)
2-Fluorophenol	0.0 DIL, *	(10 - 110)
2,4,6-Tribromophenol	0.0 DIL, *	(28 - 110)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC PIPE B45(032411)

GC Semivolatiles

Lot-Sample #...: A1C280419-003 Work Order #...: MF8W21AA Matrix.....: WW
 Date Sampled...: 03/24/11 16:10 Date Received..: 03/26/11
 Prep Date.....: 03/29/11 Analysis Date..: 03/31/11
 Prep Batch #...: 1088045
 Dilution Factor: 1 Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	0.065	ug/L	0.065
Aroclor 1221	ND	0.065	ug/L	0.065
Aroclor 1232	ND	0.065	ug/L	0.065
Aroclor 1242	ND	0.065	ug/L	0.065
Aroclor 1248	ND	0.065	ug/L	0.065
Aroclor 1254	ND	0.065	ug/L	0.065
Aroclor 1260	ND	0.065	ug/L	0.065
<u>SURROGATE</u>	PERCENT		RECOVERY	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	84		(27 - 130)	
Decachlorobiphenyl	30		(10 - 127)	

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC PIPE B45(032411)

TCLP Metals

Lot-Sample #...: A1C280419-003

Matrix.....: WW

Date Sampled...: 03/24/11 16:10 Date Received...: 03/26/11

Leach Date.....: 03/28/11 Leach Batch #...: P108702

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1088024						
Arsenic	ND	0.50	mg/L	SW846 6010B	03/29-04/04/11	MF8W21AF
		Dilution Factor: 20		MDL.....: 0.064		
Barium	0.057 B,J	10.0	mg/L	SW846 6010B	03/29-04/04/11	MF8W21AG
		Dilution Factor: 20		MDL.....: 0.013		
Cadmium	ND	0.10	mg/L	SW846 6010B	03/29-04/04/11	MF8W21AH
		Dilution Factor: 20		MDL.....: 0.013		
Chromium	ND	0.50	mg/L	SW846 6010B	03/29-04/04/11	MF8W21AJ
		Dilution Factor: 20		MDL.....: 0.044		
Lead	0.055 B	0.50	mg/L	SW846 6010B	03/29-04/04/11	MF8W21AK
		Dilution Factor: 20		MDL.....: 0.038		
Selenium	0.88	0.25	mg/L	SW846 6010B	03/29-04/04/11	MF8W21AL
		Dilution Factor: 20		MDL.....: 0.082		
Silver	ND	0.50	mg/L	SW846 6010B	03/29-04/04/11	MF8W21AM
		Dilution Factor: 20		MDL.....: 0.044		
Mercury	ND	0.0020	mg/L	SW846 7470A	03/29/11	MF8W21AE
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ARCADIS U.S., Inc.

Client Sample ID: WTR-WC PIPE B45(032411)

General Chemistry

Lot-Sample #...: A1C280419-003 Work Order #...: MF8W2 Matrix.....: WW
 Date Sampled...: 03/24/11 16:10 Date Received...: 03/26/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (liquid)	8.1		No Units	SW846 9040B	04/07/11	1097341
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	3.0	mg/L	SW846 9030B/9034	04/06/11	1096142
			Dilution Factor: 1	MDL.....: 0.94		
Cyanide, Total	ND V	0.50	mg/L	SW846 9012A	04/07/11	1097301
			Dilution Factor: 50	MDL.....: 0.25		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		

NOTE(S):

RL Reporting Limit

V Elevated reporting limit. The reporting limit is elevated due to limited sample volume.

ARCADIS U.S., Inc.

Client Sample ID: B-WC SOIL/SLUDGE B33(032511)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C280419-004 Work Order #...: MF8W31AC Matrix.....: SL
 Date Sampled...: 03/25/11 09:00 Date Received...: 03/26/11
 Leach Date.....: 03/29/11 Prep Date.....: 03/30/11 Analysis Date...: 03/30/11
 Leach Batch #...: P108802 Prep Batch #...: 1090178
 Dilution Factor: 1
 % Moisture.....: 56 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.025	mg/L	0.00013
2-Butanone (MEK)	ND	0.25	mg/L	0.00057
Carbon tetrachloride	ND	0.025	mg/L	0.00013
Chlorobenzene	ND	0.025	mg/L	0.00015
Chloroform	ND	0.025	mg/L	0.00016
1,2-Dichloroethane	ND	0.025	mg/L	0.00022
1,1-Dichloroethylene	ND	0.070	mg/L	0.00019
Tetrachloroethylene	ND	0.070	mg/L	0.00029
Trichloroethylene	ND	0.050	mg/L	0.00017
Vinyl chloride	ND	0.025	mg/L	0.00022

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Dibromofluoromethane	87		(86 - 125)	
1,2-Dichloroethane-d4	89		(80 - 121)	
Toluene-d8	99		(90 - 115)	
4-Bromofluorobenzene	86		(70 - 124)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: B-WC SOIL/SLUDGE B33(032511)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C280419-004 Work Order #...: MF8W31AD Matrix.....: SL
 Date Sampled...: 03/25/11 09:00 Date Received...: 03/26/11
 Leach Date.....: 03/29/11 Prep Date.....: 03/30/11 Analysis Date...: 04/01/11
 Leach Batch #...: P108803 Prep Batch #...: 1089089
 Dilution Factor: 1
 % Moisture.....: 56 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	0.0040	mg/L	0.00080
m-Cresol & p-Cresol	0.0093 J	0.040	mg/L	0.00075
1,4-Dichlorobenzene	ND	0.0040	mg/L	0.00034
2,4-Dinitrotoluene	ND	0.020	mg/L	0.00027
Hexachlorobenzene	ND	0.020	mg/L	0.00010
Hexachlorobutadiene	ND	0.020	mg/L	0.00027
Hexachloroethane	ND	0.020	mg/L	0.00080
Nitrobenzene	ND	0.0040	mg/L	0.000040
Pentachlorophenol	ND	0.040	mg/L	0.0024
Pyridine	ND	0.020	mg/L	0.00035
2,4,5-Trichloro-phenol	ND	0.020	mg/L	0.00030
2,4,6-Trichloro-phenol	ND	0.020	mg/L	0.00080

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Nitrobenzene-d5	56	(29 - 111)
2-Fluorobiphenyl	56	(22 - 110)
Terphenyl-d14	74	(40 - 119)
Phenol-d5	48	(10 - 110)
2-Fluorophenol	56	(10 - 110)
2,4,6-Tribromophenol	61	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: B-WC SOIL/SLUDGE B33(032511)

GC Semivolatiles

Lot-Sample #...: A1C280419-004 Work Order #...: MF8W31AA Matrix.....: SL
 Date Sampled...: 03/25/11 09:00 Date Received...: 03/26/11
 Prep Date.....: 03/29/11 Analysis Date...: 04/01/11
 Prep Batch #...: 1088047
 Dilution Factor: 5000
 % Moisture.....: 56 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Aroclor 1016	ND	370	mg/kg	240
Aroclor 1221	ND	370	mg/kg	180
Aroclor 1232	ND	370	mg/kg	160
Aroclor 1242	ND	370	mg/kg	150
Aroclor 1248	5400	370	mg/kg	190
Aroclor 1254	ND	370	mg/kg	190
Aroclor 1260	370	370	mg/kg	190
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Tetrachloro-m-xylene	18200 DIL, *		(10 - 196)	
Decachlorobiphenyl	22100 DIL, *		(10 - 199)	

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

ARCADIS U.S., Inc.

Client Sample ID: B-WC SOIL/SLUDGE B33(032511)

TCLP Metals

Lot-Sample #...: A1C280419-004

Matrix.....: SL

Date Sampled...: 03/25/11 09:00 Date Received...: 03/26/11

Leach Date.....: 03/29/11 Leach Batch #...: P108803

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1089023						
Arsenic	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MF8W31AF
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.61 B	10.0	mg/L	SW846 6010B	03/30-04/04/11	MF8W31AG
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.0016 B	0.10	mg/L	SW846 6010B	03/30-04/04/11	MF8W31AH
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MF8W31AJ
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.018 B	0.50	mg/L	SW846 6010B	03/30-04/04/11	MF8W31AK
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	0.012 B	0.25	mg/L	SW846 6010B	03/30-04/04/11	MF8W31AL
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MF8W31AM
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND	0.0020	mg/L	SW846 7470A	03/30-04/01/11	MF8W31AE
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: B-WC SOIL/SLUDGE B33(032511)

General Chemistry

Lot-Sample #...: A1C280419-004 Work Order #...: MF8W3 Matrix.....: SL
 Date Sampled...: 03/25/11 09:00 Date Received..: 03/26/11
 % Moisture.....: 56

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	7.8		No Units	SW846 9045C	04/06/11	1096320
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	68.0	mg/kg	SW846 9030B/9034	04/06/11	1096134
			Dilution Factor: 1	MDL.....: 49.9		
Cyanide, Total	ND	1.1	mg/kg	SW846 9012A	04/06/11	1096299
			Dilution Factor: 1	MDL.....: 0.23		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096370
			Dilution Factor: 1	MDL.....:		
Percent Solids	44.1	10.0	%	MCAWW 160.3 MOD	03/30-03/31/11	1089118
			Dilution Factor: 1	MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC AUCTION DRUM B35(032511)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C280419-005 Work Order #...: MF8W51AR Matrix.....: LO
 Date Sampled...: 03/25/11 09:30 Date Received...: 03/26/11
 Leach Date.....: 03/28/11 Prep Date.....: 03/30/11 Analysis Date...: 03/30/11
 Leach Batch #...: P108802 Prep Batch #...: 1090164
 Dilution Factor: 20
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	0.17 J	0.50	mg/L	0.0026
2-Butanone (MEK)	1.8 J	5.0	mg/L	0.011
Carbon tetrachloride	ND	0.50	mg/L	0.0026
Chlorobenzene	ND	0.50	mg/L	0.0030
Chloroform	ND	0.50	mg/L	0.0032
1,2-Dichloroethane	ND	0.50	mg/L	0.0044
1,1-Dichloroethylene	ND	0.50	mg/L	0.0038
Tetrachloroethylene	ND	0.50	mg/L	0.0058
Trichloroethylene	ND	0.50	mg/L	0.0034
Vinyl chloride	ND	0.50	mg/L	0.0044

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Dibromofluoromethane	87		(36 - 132)	
1,2-Dichloroethane-d4	86		(55 - 120)	
Toluene-d8	100		(29 - 132)	
4-Bromofluorobenzene	88		(27 - 136)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311
 J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC AUCTION DRUM B35(032511)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C280419-005 Work Order #...: MF8W51AT Matrix.....: LO
 Date Sampled...: 03/25/11 09:30 Date Received...: 03/26/11
 Leach Date.....: 03/29/11 Prep Date.....: 03/30/11 Analysis Date...: 04/04/11
 Leach Batch #...: P108804 Prep Batch #...: 1089158
 Dilution Factor: 50
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	250	mg/L	0.040
m-Cresol & p-Cresol	ND	2500	mg/L	0.00075
1,4-Dichlorobenzene	ND	250	mg/L	0.017
2,4-Dinitrotoluene	ND	1200	mg/L	0.014
Hexachlorobenzene	ND	1200	mg/L	0.0050
Hexachlorobutadiene	ND	1200	mg/L	0.014
Hexachloroethane	ND	1200	mg/L	0.040
Nitrobenzene	ND	250	mg/L	0.0020
Pentachlorophenol	ND	2500	mg/L	0.12
Pyridine	ND	1200	mg/L	0.018
2,4,5-Trichloro-phenol	ND	1200	mg/L	0.015
2,4,6-Trichloro-phenol	ND	1200	mg/L	0.040

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Nitrobenzene-d5	0.0 DIL, *	(33 - 123)
2-Fluorobiphenyl	0.0 DIL, *	(29 - 114)
Terphenyl-d14	0.0 DIL, *	(42 - 124)
Phenol-d5	0.0 DIL, *	(10 - 115)
2-Fluorophenol	0.0 DIL, *	(10 - 114)
2,4,6-Tribromophenol	0.0 DIL, *	(20 - 126)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC AUCTION DRUM B35(032511)

GC Semivolatiles

Lot-Sample #...: A1C280419-005 Work Order #...: MF8W51AA Matrix.....: LO
 Date Sampled...: 03/25/11 09:30 Date Received...: 03/26/11
 Prep Date.....: 03/29/11 Analysis Date...: 04/01/11
 Prep Batch #...: 1088046
 Dilution Factor: 10
 % Moisture.....: Method.....: SW846 8082

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Aroclor 1016	ND	10000	ug/kg	1900
Aroclor 1221	ND	10000	ug/kg	2200
Aroclor 1232	ND	10000	ug/kg	1700
Aroclor 1242	ND	10000	ug/kg	2900
Aroclor 1248	ND	10000	ug/kg	2000
Aroclor 1254	ND	10000	ug/kg	1200
Aroclor 1260	ND	10000	ug/kg	1300
		PERCENT	RECOVERY	
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
Tetrachloro-m-xylene	98 DIL	(10 - 196)		
Decachlorobiphenyl	79 DIL	(10 - 199)		

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.
 Elevated reporting limits. The reporting limits are elevated due to matrix interference.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC AUCTION DRUM B35(032511)

TCLP Metals

Lot-Sample #...: A1C280419-005

Matrix.....: LO

Date Sampled...: 03/25/11 09:30 Date Received...: 03/26/11

Leach Date.....: 03/29/11 Leach Batch #...: P108804

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1089190						
Arsenic	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8W51AV
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.36 B,J	10.0	mg/L	SW846 6010B	03/30-03/31/11	MF8W51AW
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	ND	0.10	mg/L	SW846 6010B	03/30-03/31/11	MF8W51AX
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8W51A0
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.55	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8W51A1
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8W51A2
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MF8W51A3
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND	0.033	mg/L	SW846 7470A	03/30-03/31/11	MF8W51AU
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC AUCTION DRUM B35(032511)

General Chemistry

Lot-Sample #...: A1C280419-005 Work Order #...: MF8W5 Matrix.....: LO
 Date Sampled...: 03/25/11 09:30 Date Received..: 03/26/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	8.0		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	34.8 B	200	mg/kg	SW846 9020B	03/31/11	1090287
			Dilution Factor: 1	MDL.....: 15.0		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: B-WHITE SAND P45(032511)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C280419-006 Work Order #...: MF8W81AC Matrix.....: SO
 Date Sampled...: 03/25/11 10:45 Date Received...: 03/26/11
 Leach Date.....: 03/29/11 Prep Date.....: 03/30/11 Analysis Date...: 03/30/11
 Leach Batch #...: P108802 Prep Batch #...: 1090178
 Dilution Factor: 1
 % Moisture.....: 0.080 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.025	mg/L	0.00013
2-Butanone (MEK)	ND	0.25	mg/L	0.00057
Carbon tetrachloride	ND	0.025	mg/L	0.00013
Chlorobenzene	ND	0.025	mg/L	0.00015
Chloroform	ND	0.025	mg/L	0.00016
1,2-Dichloroethane	ND	0.025	mg/L	0.00022
1,1-Dichloroethylene	ND	0.070	mg/L	0.00019
Tetrachloroethylene	ND	0.070	mg/L	0.00029
Trichloroethylene	ND	0.050	mg/L	0.00017
Vinyl chloride	ND	0.025	mg/L	0.00022

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Dibromofluoromethane	88		(86 - 125)	
1,2-Dichloroethane-d4	90		(80 - 121)	
Toluene-d8	98		(90 - 115)	
4-Bromofluorobenzene	86		(70 - 124)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: B-WHITE SAND P45(032511)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C280419-006 Work Order #...: MF8W81AD Matrix.....: SO
 Date Sampled...: 03/25/11 10:45 Date Received...: 03/26/11
 Leach Date.....: 03/29/11 Prep Date.....: 03/30/11 Analysis Date...: 04/01/11
 Leach Batch #...: P108803 Prep Batch #...: 1089089
 Dilution Factor: 1
 % Moisture.....: 0.080 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	0.0040	mg/L	0.00080
m-Cresol & p-Cresol	ND	0.040	mg/L	0.00075
1,4-Dichlorobenzene	ND	0.0040	mg/L	0.00034
2,4-Dinitrotoluene	ND	0.020	mg/L	0.00027
Hexachlorobenzene	ND	0.020	mg/L	0.00010
Hexachlorobutadiene	ND	0.020	mg/L	0.00027
Hexachloroethane	ND	0.020	mg/L	0.00080
Nitrobenzene	ND	0.0040	mg/L	0.000040
Pentachlorophenol	ND	0.040	mg/L	0.0024
Pyridine	ND	0.020	mg/L	0.00035
2,4,5-Trichloro-phenol	ND	0.020	mg/L	0.00030
2,4,6-Trichloro-phenol	ND	0.020	mg/L	0.00080

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Nitrobenzene-d5	56	(29 - 111)
2-Fluorobiphenyl	57	(22 - 110)
Terphenyl-d14	70	(40 - 119)
Phenol-d5	44	(10 - 110)
2-Fluorophenol	57	(10 - 110)
2,4,6-Tribromophenol	44	(17 - 117)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: B-WHITE SAND P45(032511)

GC Semivolatiles

Lot-Sample #...: A1C280419-006 Work Order #...: MF8W81AA Matrix.....: SO
 Date Sampled...: 03/25/11 10:45 Date Received...: 03/26/11
 Prep Date.....: 03/29/11 Analysis Date...: 04/04/11
 Prep Batch #...: 1088047
 Dilution Factor: 1
 % Moisture.....: 0.080 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Aroclor 1016	ND	0.033	mg/kg	0.021
Aroclor 1221	ND	0.033	mg/kg	0.016
Aroclor 1232	ND	0.033	mg/kg	0.014
Aroclor 1242	ND	0.033	mg/kg	0.013
Aroclor 1248	0.065	0.033	mg/kg	0.017
Aroclor 1254	ND	0.033	mg/kg	0.017
Aroclor 1260	ND	0.033	mg/kg	0.017

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Tetrachloro-m-xylene	78		(10 - 196)	
Decachlorobiphenyl	101		(10 - 199)	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ARCADIS U.S., Inc.

Client Sample ID: B-WHITE SAND P45(032511)

TCLP Metals

Lot-Sample #...: A1C280419-006

Matrix.....: SO

Date Sampled...: 03/25/11 10:45 Date Received...: 03/26/11

Leach Date.....: 03/29/11 Leach Batch #...: P108803

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1089023						
Arsenic	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MF8W81AF
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.12 B	10.0	mg/L	SW846 6010B	03/30-04/04/11	MF8W81AG
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	ND	0.10	mg/L	SW846 6010B	03/30-04/04/11	MF8W81AH
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	0.0031 B	0.50	mg/L	SW846 6010B	03/30-04/04/11	MF8W81AJ
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.0049 B	0.50	mg/L	SW846 6010B	03/30-04/04/11	MF8W81AK
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	0.0066 B	0.25	mg/L	SW846 6010B	03/30-04/04/11	MF8W81AL
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MF8W81AM
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	0.00014 B	0.0020	mg/L	SW846 7470A	03/30-04/01/11	MF8W81AE
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: B-WHITE SAND P45(032511)

General Chemistry

Lot-Sample #...: A1C280419-006 Work Order #...: MF8W8 Matrix.....: SO
 Date Sampled...: 03/25/11 10:45 Date Received...: 03/26/11
 % Moisture.....: 0.080

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	8.2		No Units	SW846 9045C	04/06/11	1096320
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096134
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096299
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096370
			Dilution Factor: 1	MDL.....:		
Percent Solids	99.9	10.0	%	MCAWW 160.3 MOD	03/30-03/31/11	1089118
			Dilution Factor: 1	MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

QUALITY CONTROL SECTION

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: A1C280419
 MB Lot-Sample #: A1C280000-120
 Leach Date.....: 03/28/11
 Leach Batch #...: P108701
 Dilution Factor: 1

Work Order #...: MF8RW1AA
 Prep Date.....: 03/29/11
 Prep Batch #...: 1089120

Matrix.....: WATER
 Analysis Date...: 03/30/11

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Benzene	ND	0.025	mg/L	SW846 8260B
2-Butanone (MEK)	ND	0.25	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260B
Chlorobenzene	ND	0.025	mg/L	SW846 8260B
Chloroform	ND	0.025	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260B
1,1-Dichloroethylene	ND	0.025	mg/L	SW846 8260B
Tetrachloroethylene	ND	0.025	mg/L	SW846 8260B
Trichloroethylene	ND	0.025	mg/L	SW846 8260B
Vinyl chloride	ND	0.025	mg/L	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	89	(84 - 128)
1,2-Dichloroethane-d4	88	(80 - 121)
Toluene-d8	100	(90 - 115)
4-Bromofluorobenzene	85	(70 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C280419
MB Lot-Sample #: A1C310000-164

Work Order #...: MGEJH1AA

Matrix.....: WASTE

Analysis Date...: 03/30/11

Prep Date.....: 03/30/11

Prep Batch #...: 1090164

Dilution Factor: 20

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Benzene	ND	0.50	mg/L	SW846 8260B
2-Butanone (MEK)	ND	5.0	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.50	mg/L	SW846 8260B
Chlorobenzene	ND	0.50	mg/L	SW846 8260B
Chloroform	ND	0.50	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	mg/L	SW846 8260B
1,1-Dichloroethylene	ND	0.50	mg/L	SW846 8260B
Tetrachloroethylene	ND	0.50	mg/L	SW846 8260B
Trichloroethylene	ND	0.50	mg/L	SW846 8260B
Vinyl chloride	ND	0.50	mg/L	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	89	(36 - 132)
1,2-Dichloroethane-d4	95	(55 - 120)
Toluene-d8	110	(29 - 132)
4-Bromofluorobenzene	89	(27 - 136)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: A1C280419	Work Order #...: MF99F1AA	Matrix.....: SOLID
MB Lot-Sample #: A1C290000-167		
Leach Date.....: 03/29/11	Prep Date.....: 03/30/11	Analysis Date...: 03/30/11
Leach Batch #...: P108802	Prep Batch #...: 1090178	
Dilution Factor: 1		

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Benzene	ND	0.025	mg/L	SW846 8260B
2-Butanone (MEK)	ND	0.25	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260B
Chlorobenzene	ND	0.025	mg/L	SW846 8260B
Chloroform	ND	0.025	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260B
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260B
Tetrachloroethylene	ND	0.070	mg/L	SW846 8260B
Trichloroethylene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.025	mg/L	SW846 8260B

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Dibromofluoromethane	88		(86 - 125)	
1,2-Dichloroethane-d4	88		(80 - 121)	
Toluene-d8	98		(90 - 115)	
4-Bromofluorobenzene	87		(70 - 124)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Semivolatiles

Client Lot #...: A1C280419
 MB Lot-Sample #: A1C290000-094
 Leach Date.....: 03/28/11
 Leach Batch #...: P108702
 Dilution Factor: 1

Work Order #...: MF91V1AA
 Prep Date.....: 03/29/11
 Prep Batch #...: 1088094

Matrix.....: WATER
 Analysis Date...: 03/31/11

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
o-Cresol	ND	0.0040	mg/L	SW846 8270C
m-Cresol & p-Cresol	ND	0.040	mg/L	SW846 8270C
1,4-Dichlorobenzene	ND	0.0040	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.020	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.020	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.020	mg/L	SW846 8270C
Hexachloroethane	ND	0.020	mg/L	SW846 8270C
Nitrobenzene	ND	0.0040	mg/L	SW846 8270C
Pentachlorophenol	ND	0.040	mg/L	SW846 8270C
Pyridine	ND	0.020	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C
SURROGATE	PERCENT	RECOVERY		
	RECOVERY	LIMITS		
Nitrobenzene-d5	61	(27 - 110)		
2-Fluorobiphenyl	74	(20 - 110)		
Terphenyl-d14	98	(44 - 110)		
Phenol-d5	66	(10 - 110)		
2-Fluorophenol	69	(10 - 110)		
2,4,6-Tribromophenol	84	(28 - 110)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Semivolatiles

Client Lot #...: A1C280419
 MB Lot-Sample #: A1C300000-089
 Leach Date.....: 03/29/11
 Leach Batch #...: P108803
 Dilution Factor: 1

Work Order #...: MGCFA1AA
 Prep Date.....: 03/30/11
 Prep Batch #...: 1089089

Matrix.....: SOLID
 Analysis Date...: 04/01/11

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
o-Cresol	ND	0.0040	mg/L	SW846 8270C
m-Cresol & p-Cresol	ND	0.040	mg/L	SW846 8270C
1,4-Dichlorobenzene	ND	0.0040	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.020	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.020	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.020	mg/L	SW846 8270C
Hexachloroethane	ND	0.020	mg/L	SW846 8270C
Nitrobenzene	ND	0.0040	mg/L	SW846 8270C
Pentachlorophenol	ND	0.040	mg/L	SW846 8270C
Pyridine	ND	0.020	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C
SURROGATE	PERCENT	RECOVERY		
	RECOVERY	LIMITS		
Nitrobenzene-d5	59	(29 - 111)		
2-Fluorobiphenyl	61	(22 - 110)		
Terphenyl-d14	76	(40 - 119)		
Phenol-d5	51	(10 - 110)		
2-Fluorophenol	61	(10 - 110)		
2,4,6-Tribromophenol	60	(17 - 117)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Semivolatiles

Client Lot #...: A1C280419
 MB Lot-Sample #: A1C300000-158
 Leach Date.....: 03/29/11
 Leach Batch #...: P108804
 Dilution Factor: 1

Work Order #...: MGCLR1AA
 Prep Date.....: 03/30/11
 Prep Batch #...: 1089158

Matrix.....: WASTE
 Analysis Date...: 04/01/11

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
o-Cresol	ND	5.0	mg/L	SW846 8270C
m-Cresol & p-Cresol	ND	50	mg/L	SW846 8270C
1,4-Dichlorobenzene	ND	5.0	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	25	mg/L	SW846 8270C
Hexachlorobenzene	ND	25	mg/L	SW846 8270C
Hexachlorobutadiene	ND	25	mg/L	SW846 8270C
Hexachloroethane	ND	25	mg/L	SW846 8270C
Nitrobenzene	ND	5.0	mg/L	SW846 8270C
Pentachlorophenol	ND	50	mg/L	SW846 8270C
Pyridine	ND	25	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	25	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	25	mg/L	SW846 8270C
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Nitrobenzene-d5	73		(33 - 123)	
2-Fluorobiphenyl	79		(29 - 114)	
Terphenyl-d14	91		(42 - 124)	
Phenol-d5	83		(10 - 115)	
2-Fluorophenol	82		(10 - 114)	
2,4,6-Tribromophenol	74		(20 - 126)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A1C280419
MB Lot-Sample #: A1C290000-045

Work Order #...: MF9XV1AA

Matrix.....: WATER

Analysis Date...: 04/05/11

Prep Date.....: 03/29/11

Prep Batch #...: 1088045

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.065	ug/L	SW846 8082
Aroclor 1221	ND	0.065	ug/L	SW846 8082
Aroclor 1232	ND	0.065	ug/L	SW846 8082
Aroclor 1242	ND	0.065	ug/L	SW846 8082
Aroclor 1248	ND	0.065	ug/L	SW846 8082
Aroclor 1254	ND	0.065	ug/L	SW846 8082
Aroclor 1260	ND	0.065	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY
		LIMITS
Tetrachloro-m-xylene	101	(27 - 130)
Decachlorobiphenyl	43	(10 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A1C280419
 MB Lot-Sample #: A1C290000-046

Work Order #...: MF9XX1AA

Matrix.....: WASTE

Analysis Date...: 03/30/11

Prep Date.....: 03/29/11

Prep Batch #...: 1088046

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	1000	ug/kg	SW846 8082
Aroclor 1221	ND	1000	ug/kg	SW846 8082
Aroclor 1232	ND	1000	ug/kg	SW846 8082
Aroclor 1242	ND	1000	ug/kg	SW846 8082
Aroclor 1248	ND	1000	ug/kg	SW846 8082
Aroclor 1254	ND	1000	ug/kg	SW846 8082
Aroclor 1260	ND	1000	ug/kg	SW846 8082

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Tetrachloro-m-xylene	104	(10 - 196)
Decachlorobiphenyl	78	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A1C280419
MB Lot-Sample #: A1C290000-047

Work Order #...: MF9X01AA

Matrix.....: SOLID

Analysis Date...: 04/01/11

Prep Date.....: 03/29/11

Prep Batch #...: 1088047

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.033	mg/kg	SW846 8082
Aroclor 1221	ND	0.033	mg/kg	SW846 8082
Aroclor 1232	ND	0.033	mg/kg	SW846 8082
Aroclor 1242	ND	0.033	mg/kg	SW846 8082
Aroclor 1248	ND	0.033	mg/kg	SW846 8082
Aroclor 1254	ND	0.033	mg/kg	SW846 8082
Aroclor 1260	ND	0.033	mg/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY
		LIMITS
Tetrachloro-m-xylene	101	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C280000-175 Prep Batch #... : 1088024 Leach Date.....: 03/28/11 Leach Batch #... : P108702						
Arsenic	0.0058 B	0.025	mg/L	SW846 6010B	03/29-03/31/11	MF8X61AA
		Dilution Factor: 1				
Barium	0.0033 B	0.50	mg/L	SW846 6010B	03/29-03/31/11	MF8X61AC
		Dilution Factor: 1				
Cadmium	ND	0.0050	mg/L	SW846 6010B	03/29-03/31/11	MF8X61AD
		Dilution Factor: 1				
Chromium	ND	0.025	mg/L	SW846 6010B	03/29-03/31/11	MF8X61AE
		Dilution Factor: 1				
Lead	0.0026 B	0.025	mg/L	SW846 6010B	03/29-03/31/11	MF8X61AF
		Dilution Factor: 1				
Selenium	ND	0.012	mg/L	SW846 6010B	03/29-03/31/11	MF8X61AG
		Dilution Factor: 1				
Silver	ND	0.025	mg/L	SW846 6010B	03/29-03/31/11	MF8X61AH
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	03/29/11	MF8X61AJ
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C290000-024 Prep Batch #... : 1088024						
Arsenic	ND	0.025	mg/L	SW846 6010B	03/29-03/31/11	MF9W61AC
		Dilution Factor: 1				
Barium	0.0015 B	0.50	mg/L	SW846 6010B	03/29-03/31/11	MF9W61AD
		Dilution Factor: 1				
Cadmium	ND	0.0050	mg/L	SW846 6010B	03/29-03/31/11	MF9W61AE
		Dilution Factor: 1				
Chromium	ND	0.025	mg/L	SW846 6010B	03/29-03/31/11	MF9W61AF
		Dilution Factor: 1				
Lead	ND	0.025	mg/L	SW846 6010B	03/29-03/31/11	MF9W61AG
		Dilution Factor: 1				
Selenium	ND	0.012	mg/L	SW846 6010B	03/29-03/31/11	MF9W61AH
		Dilution Factor: 1				
Silver	ND	0.025	mg/L	SW846 6010B	03/29-03/31/11	MF9W61AJ
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	03/29/11	MF9W61AA
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C290000-180 Prep Batch #... : 1089023						
Leach Date..... : 03/29/11 Leach Batch #... : P108803						
Arsenic	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MGAAE1AC
		Dilution Factor: 1				
Barium	0.0033 B	10.0	mg/L	SW846 6010B	03/30-04/04/11	MGAAE1AD
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	03/30-04/04/11	MGAAE1AE
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MGAAE1AF
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MGAAE1AG
		Dilution Factor: 1				
Selenium	0.0084 B	0.25	mg/L	SW846 6010B	03/30-04/04/11	MGAAE1AH
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MGAAE1AJ
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	03/30-04/01/11	MGAAE1AK
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C300000-023 Prep Batch #...: 1089023						
Arsenic	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MGCCA1AA
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010B	03/30-04/04/11	MGCCA1AC
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	03/30-04/04/11	MGCCA1AD
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MGCCA1AE
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MGCCA1AF
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010B	03/30-04/04/11	MGCCA1AG
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	03/30-04/04/11	MGCCA1AH
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	03/30-04/01/11	MGCCA1AJ
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: WASTE

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C290000-183 Prep Batch #... : 1089190 Leach Date.....: 03/29/11 Leach Batch #... : P108804						
Arsenic	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGAAK1AM
		Dilution Factor: 1				
Barium	0.13 B	10.0	mg/L	SW846 6010B	03/30-03/31/11	MGAAK1AN
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	03/30-03/31/11	MGAAK1AP
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGAAK1AQ
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGAAK1AR
		Dilution Factor: 1				
Selenium	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGAAK1AT
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGAAK1AU
		Dilution Factor: 1				
Mercury	ND	0.033	mg/L	SW846 7470A	03/30-03/31/11	MGAAK1AL
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: WASTE

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C300000-190 Prep Batch #... : 1089190						
Arsenic	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGCQ71AC
		Dilution Factor: 1				
Barium	0.095 B	10.0	mg/L	SW846 6010B	03/30-03/31/11	MGCQ71AD
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	03/30-03/31/11	MGCQ71AE
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGCQ71AF
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGCQ71AG
		Dilution Factor: 1				
Selenium	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGCQ71AH
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	03/30-03/31/11	MGCQ71AJ
		Dilution Factor: 1				
Mercury	ND	0.033	mg/L	SW846 7470A	03/30-03/31/11	MGCQ71AA
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT**General Chemistry**

Client Lot #...: A1C280419

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Acid-soluble sulfide	ND	Work Order #: MGL9X1AA 30.0	mg/kg	MB Lot-Sample #: A1D060000-134 SW846 9030B/9034	04/06/11	1096134
		Dilution Factor: 1				
Cyanide, Total	ND	Work Order #: MGMAM1AA 0.50	mg/kg	MB Lot-Sample #: A1D060000-299 SW846 9012A	04/06/11	1096299
		Dilution Factor: 1				
Percent Solids	ND	Work Order #: MGCJ61AA 10.0	%	MB Lot-Sample #: A1C300000-118 MCAWW 160.3 MOD	03/30-03/31/11	1089118
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C280419

Matrix.....: WASTE

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	PREP
		LIMIT	UNITS		ANALYSIS DATE	BATCH #
Acid-soluble sulfide		Work Order #:	MGL9V1AA	MB Lot-Sample #:	A1D060000-133	
	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
		Dilution Factor: 1				
Cyanide, Total		Work Order #:	MGMAK1AA	MB Lot-Sample #:	A1D060000-298	
	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
		Dilution Factor: 1				
Total Organic Halogens		Work Order #:	MGF5J1AA	MB Lot-Sample #:	A1C310000-287	
	ND	200	mg/kg	SW846 9020B	03/31/11	1090287
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C280419

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Acid-soluble sulfide	ND	Work Order #: MGL8K1AA 3.0	mg/L	MB Lot-Sample #: A1D060000-142 SW846 9030B/9034	04/06/11	1096142
		Dilution Factor: 1				
Cyanide, Total	ND	Work Order #: MGPEE1AA 0.010	mg/L	MB Lot-Sample #: A1D070000-301 SW846 9012A	04/07/11	1097301
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MGCHQ1AA Matrix.....: SOLID
 LCS Lot-Sample#: A1C300000-120
 Prep Date.....: 03/29/11 Analysis Date...: 03/29/11
 Prep Batch #...: 1089120
 Dilution Factor: 1

PARAMETER	PERCENT	RECOVERY	METHOD
	RECOVERY	LIMITS	
Benzene	96	(84 - 120)	SW846 8260B
Chloromethane	77	(43 - 125)	SW846 8260B
2-Butanone (MEK)	82	(49 - 120)	SW846 8260B
Bromomethane	95	(23 - 128)	SW846 8260B
Carbon tetrachloride	80	(54 - 122)	SW846 8260B
Chlorobenzene	96	(86 - 111)	SW846 8260B
Chloroform	96	(87 - 123)	SW846 8260B
Chloroethane	95	(22 - 129)	SW846 8260B
1,2-Dichloroethane	94	(81 - 114)	SW846 8260B
1,1-Dichloroethylene	103	(71 - 133)	SW846 8260B
Methylene chloride	106	(40 - 141)	SW846 8260B
Tetrachloroethylene	108	(79 - 134)	SW846 8260B
Acetone	88	(30 - 129)	SW846 8260B
Trichloroethylene	100	(78 - 130)	SW846 8260B
Vinyl chloride	93	(56 - 111)	SW846 8260B
Carbon disulfide	109	(63 - 142)	SW846 8260B
1,1-Dichloroethane	94	(86 - 117)	SW846 8260B
1,2-Dichloroethene	97	(79 - 117)	SW846 8260B
(total)			
1,1,1-Trichloroethane	93	(69 - 118)	SW846 8260B
Bromodichloromethane	85	(67 - 123)	SW846 8260B
1,2-Dichloropropane	91	(85 - 113)	SW846 8260B
cis-1,3-Dichloropropene	83	(45 - 122)	SW846 8260B
Dibromochloromethane	76	(55 - 116)	SW846 8260B
1,1,2-Trichloroethane	97	(84 - 112)	SW846 8260B
trans-1,3-Dichloropropene	92	(28 - 130)	SW846 8260B
Bromoform	63	(45 - 115)	SW846 8260B
4-Methyl-2-pentanone	88	(53 - 127)	SW846 8260B
2-Hexanone	95	(43 - 135)	SW846 8260B
1,1,2,2-Tetrachloroethane	86	(60 - 128)	SW846 8260B
Toluene	103	(87 - 116)	SW846 8260B
Ethylbenzene	102	(79 - 119)	SW846 8260B
Styrene	96	(63 - 129)	SW846 8260B
Xylenes (total)	100	(79 - 120)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MGCHQ1AA Matrix.....: SOLID
 LCS Lot-Sample#: A1C300000-120

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	<u>METHOD</u>
cis-1,2-Dichloroethene	92	(80 - 114)	SW846 8260B
trans-1,2-Dichloroethene	103	(76 - 122)	SW846 8260B
n-Hexane	88	(64 - 147)	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Dibromofluoromethane	94	(84 - 128)
1,2-Dichloroethane-d4	91	(80 - 121)
Toluene-d8	100	(90 - 115)
4-Bromofluorobenzene	93	(70 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MGEJH1AC-LCS Matrix.....: WASTE
 LCS Lot-Sample#: A1C310000-164 MGEJH1AD-LCSD
 Prep Date.....: 03/30/11 Analysis Date...: 03/30/11
 Prep Batch #...: 1090164
 Dilution Factor: 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	114	(72 - 122)			SW846 8260B
	117	(72 - 122)	2.4	(0-20)	SW846 8260B
Chloromethane	67	(21 - 124)			SW846 8260B
	77	(21 - 124)	13	(0-30)	SW846 8260B
2-Butanone (MEK)	112	(10 - 199)			SW846 8260B
	117	(10 - 199)	4.2	(0-30)	SW846 8260B
Bromomethane	107	(10 - 172)			SW846 8260B
	100	(10 - 172)	7.0	(0-30)	SW846 8260B
Carbon tetrachloride	73	(39 - 134)			SW846 8260B
	75	(39 - 134)	3.3	(0-30)	SW846 8260B
Chlorobenzene	119	(74 - 121)			SW846 8260B
	120	(74 - 121)	0.33	(0-30)	SW846 8260B
Chloroform	108	(70 - 126)			SW846 8260B
	112	(70 - 126)	2.9	(0-30)	SW846 8260B
Chloroethane	120	(10 - 187)			SW846 8260B
	123	(10 - 187)	2.5	(0-30)	SW846 8260B
1,2-Dichloroethane	99	(72 - 120)			SW846 8260B
	100	(72 - 120)	1.4	(0-30)	SW846 8260B
1,1-Dichloroethylene	130	(44 - 150)			SW846 8260B
	129	(44 - 150)	0.66	(0-30)	SW846 8260B
Methylene chloride	127	(18 - 161)			SW846 8260B
	139	(18 - 161)	8.9	(0-30)	SW846 8260B
Tetrachloroethylene	109	(59 - 145)			SW846 8260B
	118	(59 - 145)	7.9	(0-30)	SW846 8260B
Acetone	133	(17 - 145)			SW846 8260B
	134	(17 - 145)	0.060	(0-30)	SW846 8260B
Trichloroethylene	115	(63 - 131)			SW846 8260B
	116	(63 - 131)	0.82	(0-30)	SW846 8260B
Vinyl chloride	102	(35 - 111)			SW846 8260B
	107	(35 - 111)	4.9	(0-30)	SW846 8260B
Carbon disulfide	140 a	(24 - 136)			SW846 8260B
	145 a	(24 - 136)	3.5	(0-30)	SW846 8260B
1,1-Dichloroethane	101	(68 - 125)			SW846 8260B
	107	(68 - 125)	5.9	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	114	(63 - 125)			SW846 8260B
	112	(63 - 125)	1.7	(0-30)	SW846 8260B
1,1,1-Trichloroethane	87	(55 - 120)			SW846 8260B
	94	(55 - 120)	8.0	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C280419 **Work Order #...**: MGEJH1AC-LCS **Matrix.....**: WASTE
LCS Lot-Sample#: A1C310000-164 MGEJH1AD-LCSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Bromodichloromethane	89	(52 - 120)			SW846 8260B
	90	(52 - 120)	0.62	(0-30)	SW846 8260B
1,2-Dichloropropane	117 a	(77 - 113)			SW846 8260B
	116 a	(77 - 113)	0.38	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	88	(48 - 110)			SW846 8260B
	92	(48 - 110)	4.0	(0-30)	SW846 8260B
Dibromochloromethane	74	(40 - 126)			SW846 8260B
	74	(40 - 126)	0.58	(0-30)	SW846 8260B
1,1,2-Trichloroethane	124 a	(73 - 116)			SW846 8260B
	134 a	(73 - 116)	7.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	89	(38 - 113)			SW846 8260B
	99	(38 - 113)	11	(0-30)	SW846 8260B
Bromoform	62	(10 - 192)			SW846 8260B
	65	(10 - 192)	4.4	(0-30)	SW846 8260B
4-Methyl-2-pentanone	86	(44 - 118)			SW846 8260B
	90	(44 - 118)	5.1	(0-30)	SW846 8260B
2-Hexanone	85	(37 - 122)			SW846 8260B
	93	(37 - 122)	9.2	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	116	(57 - 118)			SW846 8260B
	124 a	(57 - 118)	6.6	(0-30)	SW846 8260B
Toluene	121	(70 - 124)			SW846 8260B
	127 a	(70 - 124)	4.5	(0-30)	SW846 8260B
Ethylbenzene	113	(65 - 120)			SW846 8260B
	119	(65 - 120)	4.3	(0-30)	SW846 8260B
Styrene	97	(60 - 132)			SW846 8260B
	99	(60 - 132)	2.0	(0-30)	SW846 8260B
Xylenes (total)	112	(65 - 119)			SW846 8260B
	116	(65 - 119)	3.5	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	101	(64 - 128)			SW846 8260B
	104	(64 - 128)	3.9	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	127	(58 - 127)			SW846 8260B
	119	(58 - 127)	6.4	(0-30)	SW846 8260B
n-Hexane	121	(49 - 137)			SW846 8260B
	117	(49 - 137)	3.8	(0-30)	SW846 8260B
Methyl tert-butyl ether	116	(30 - 158)			SW846 8260B
	116	(30 - 158)	0.12	(0-30)	SW846 8260B
Cyclohexane	121 a	(39 - 113)			SW846 8260B
	94	(39 - 113)	25	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro- propane	92	(22 - 123)			SW846 8260B
	98	(22 - 123)	5.6	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MGEJH1AC-LCS Matrix.....: WASTE
 LCS Lot-Sample#: A1C310000-164 MGEJH1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	114	(71 - 123)			SW846 8260B
	120	(71 - 123)	5.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	114	(70 - 122)			SW846 8260B
	119	(70 - 122)	4.1	(0-30)	SW846 8260B
1,4-Dichlorobenzene	113	(69 - 123)			SW846 8260B
	121	(69 - 123)	6.4	(0-30)	SW846 8260B
Dichlorodifluoromethane	55	(10 - 115)			SW846 8260B
	58	(10 - 115)	5.5	(0-30)	SW846 8260B
Isopropylbenzene	108	(62 - 120)			SW846 8260B
	111	(62 - 120)	2.2	(0-30)	SW846 8260B
1,2,4-Trichloro- benzene	114	(42 - 145)			SW846 8260B
	112	(42 - 145)	1.2	(0-30)	SW846 8260B
Trichlorofluoromethane	137	(23 - 177)			SW846 8260B
	145	(23 - 177)	5.9	(0-30)	SW846 8260B
Trichlorotrifluoroethane	135	(46 - 180)			SW846 8260B
	139	(46 - 180)	2.8	(0-30)	SW846 8260B
Methyl acetate	116	(24 - 166)			SW846 8260B
	117	(24 - 166)	0.66	(0-30)	SW846 8260B
Methylcyclohexane	120	(38 - 148)			SW846 8260B
	135	(38 - 148)	12	(0-30)	SW846 8260B
o-Xylene	112	(65 - 120)			SW846 8260B
	117	(65 - 120)	4.1	(0-30)	SW846 8260B
m-Xylene & p-Xylene	112	(64 - 119)			SW846 8260B
	115	(64 - 119)	3.2	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	84	(20 - 123)			SW846 8260B
	86	(20 - 123)	2.4	(0-30)	SW846 8260B
Acetonitrile	142	(10 - 192)			SW846 8260B
	133	(10 - 192)	6.4	(0-30)	SW846 8260B
Acrolein	120	(17 - 188)			SW846 8260B
	118	(17 - 188)	1.3	(0-30)	SW846 8260B
Acrylonitrile	108	(42 - 121)			SW846 8260B
	118	(42 - 121)	9.1	(0-30)	SW846 8260B
Bromobenzene	126 a	(73 - 125)			SW846 8260B
	130 a	(73 - 125)	2.9	(0-30)	SW846 8260B
Bromochloromethane	107	(62 - 142)			SW846 8260B
	108	(62 - 142)	1.2	(0-30)	SW846 8260B
n-Butylbenzene	125	(47 - 138)			SW846 8260B
	127	(47 - 138)	1.8	(0-30)	SW846 8260B
sec-Butylbenzene	122	(56 - 131)			SW846 8260B
	123	(56 - 131)	0.84	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MGEJH1AC-LCS Matrix.....: WASTE
 LCS Lot-Sample#: A1C310000-164 MGEJH1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
tert-Butylbenzene	115	(59 - 122)			SW846 8260B
	118	(59 - 122)	2.3	(0-30)	SW846 8260B
2-Chlorotoluene	120 a	(71 - 116)			SW846 8260B
	125 a	(71 - 116)	3.9	(0-30)	SW846 8260B
4-Chlorotoluene	125 a	(70 - 120)			SW846 8260B
	120	(70 - 120)	4.0	(0-30)	SW846 8260B
Dibromomethane	116	(74 - 122)			SW846 8260B
	118	(74 - 122)	1.2	(0-30)	SW846 8260B
1,3-Dichloropropane	119	(71 - 121)			SW846 8260B
	121	(71 - 121)	2.1	(0-30)	SW846 8260B
2,2-Dichloropropane	72	(36 - 120)			SW846 8260B
	84	(36 - 120)	15	(0-30)	SW846 8260B
1,1-Dichloropropene	113	(59 - 135)			SW846 8260B
	113	(59 - 135)	0.19	(0-30)	SW846 8260B
Hexachlorobutadiene	120	(39 - 121)			SW846 8260B
	116	(39 - 121)	3.6	(0-30)	SW846 8260B
Iodomethane	142	(53 - 151)			SW846 8260B
	139	(53 - 151)	1.9	(0-30)	SW846 8260B
p-Isopropyltoluene	124	(57 - 134)			SW846 8260B
	125	(57 - 134)	0.10	(0-30)	SW846 8260B
Naphthalene	102	(10 - 158)			SW846 8260B
	96	(10 - 158)	5.9	(0-30)	SW846 8260B
n-Propylbenzene	126 a	(65 - 120)			SW846 8260B
	131 a	(65 - 120)	3.8	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	83	(45 - 110)			SW846 8260B
	83	(45 - 110)	0.36	(0-30)	SW846 8260B
1,2,3-Trichlorobenzene	116	(46 - 134)			SW846 8260B
	111	(46 - 134)	4.6	(0-30)	SW846 8260B
1,2,3-Trichloropropane	120	(71 - 130)			SW846 8260B
	120	(71 - 130)	0.61	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	111	(61 - 131)			SW846 8260B
	113	(61 - 131)	1.7	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	114	(62 - 121)			SW846 8260B
	120	(62 - 121)	5.1	(0-30)	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	135	(46 - 180)			SW846 8260B
	139	(46 - 180)	2.8	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MGEJH1AC-LCS Matrix.....: WASTE
 LCS Lot-Sample#: A1C310000-164 MGEJH1AD-LCSD

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Dibromofluoromethane	93	(36 - 132)
	93	(36 - 132)
1,2-Dichloroethane-d4	92	(55 - 120)
	94	(55 - 120)
Toluene-d8	112	(29 - 132)
	112	(29 - 132)
4-Bromofluorobenzene	98	(27 - 136)
	96	(27 - 136)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MGEKR1AA Matrix.....: SOLID
 LCS Lot-Sample#: A1C310000-178
 Prep Date.....: 03/30/11 Analysis Date...: 03/30/11
 Prep Batch #...: 1090178
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	103	(84 - 120)	SW846 8260B
Chloromethane	81	(43 - 125)	SW846 8260B
2-Butanone (MEK)	97	(49 - 120)	SW846 8260B
Bromomethane	87	(23 - 128)	SW846 8260B
Carbon tetrachloride	78	(54 - 122)	SW846 8260B
Chlorobenzene	100	(86 - 111)	SW846 8260B
Chloroform	99	(87 - 123)	SW846 8260B
Chloroethane	94	(22 - 129)	SW846 8260B
1,2-Dichloroethane	95	(81 - 114)	SW846 8260B
1,1-Dichloroethylene	104	(71 - 133)	SW846 8260B
Methylene chloride	99	(40 - 141)	SW846 8260B
Tetrachloroethylene	112	(79 - 134)	SW846 8260B
Acetone	91	(30 - 129)	SW846 8260B
Trichloroethylene	101	(78 - 130)	SW846 8260B
Vinyl chloride	91	(56 - 111)	SW846 8260B
Carbon disulfide	106	(63 - 142)	SW846 8260B
1,1-Dichloroethane	104	(86 - 117)	SW846 8260B
1,2-Dichloroethene	102	(79 - 117)	SW846 8260B
(total)			
1,1,1-Trichloroethane	88	(69 - 118)	SW846 8260B
Bromodichloromethane	84	(67 - 123)	SW846 8260B
1,2-Dichloropropane	104	(85 - 113)	SW846 8260B
cis-1,3-Dichloropropene	88	(45 - 122)	SW846 8260B
Dibromochloromethane	74	(55 - 116)	SW846 8260B
1,1,2-Trichloroethane	102	(84 - 112)	SW846 8260B
trans-1,3-Dichloropropene	97	(28 - 130)	SW846 8260B
Bromoform	63	(45 - 115)	SW846 8260B
4-Methyl-2-pentanone	105	(53 - 127)	SW846 8260B
2-Hexanone	110	(43 - 135)	SW846 8260B
1,1,2,2-Tetrachloroethane	94	(60 - 128)	SW846 8260B
Toluene	108	(87 - 116)	SW846 8260B
Ethylbenzene	107	(79 - 119)	SW846 8260B
Styrene	99	(63 - 129)	SW846 8260B
Xylenes (total)	105	(79 - 120)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MGEKR1AA Matrix.....: SOLID
 LCS Lot-Sample#: A1C310000-178

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	<u>METHOD</u>
cis-1,2-Dichloroethene	101	(80 - 114)	SW846 8260B
trans-1,2-Dichloroethene	104	(76 - 122)	SW846 8260B
n-Hexane	110	(64 - 147)	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Dibromofluoromethane	91	(84 - 128)
1,2-Dichloroethane-d4	85	(80 - 121)
Toluene-d8	103	(90 - 115)
4-Bromofluorobenzene	97	(70 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C280419 Work Order #...: MF91V1AC Matrix.....: WATER
 LCS Lot-Sample#: A1C290000-094
 Prep Date.....: 03/29/11 Analysis Date...: 03/31/11
 Prep Batch #...: 1088094
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
o-Cresol	80	(23 - 110)	SW846 8270C
m-Cresol & p-Cresol	78	(28 - 110)	SW846 8270C
1,4-Dichlorobenzene	71	(13 - 110)	SW846 8270C
2,4-Dinitrotoluene	77	(45 - 119)	SW846 8270C
Hexachlorobenzene	78	(46 - 112)	SW846 8270C
Hexachlorobutadiene	68	(10 - 110)	SW846 8270C
Hexachloroethane	61	(10 - 110)	SW846 8270C
Nitrobenzene	64	(29 - 118)	SW846 8270C
Pentachlorophenol	48	(10 - 116)	SW846 8270C
Pyridine	51	(15 - 110)	SW846 8270C
2,4,5-Trichloro-phenol	77	(36 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	76	(32 - 110)	SW846 8270C
Cresols (total)	78	(28 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(27 - 110)
2-Fluorobiphenyl	69	(20 - 110)
Terphenyl-d14	86	(44 - 110)
Phenol-d5	61	(10 - 110)
2-Fluorophenol	67	(10 - 110)
2,4,6-Tribromophenol	77	(28 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C280419 Work Order #...: MGCFA1AC Matrix.....: SOLID
 LCS Lot-Sample#: A1C300000-089
 Prep Date.....: 03/30/11 Analysis Date...: 04/01/11
 Prep Batch #...: 1089089
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
o-Cresol	57	(24 - 110)	SW846 8270C
m-Cresol & p-Cresol	58	(27 - 110)	SW846 8270C
1,4-Dichlorobenzene	48	(16 - 110)	SW846 8270C
2,4-Dinitrotoluene	68	(45 - 126)	SW846 8270C
Hexachlorobenzene	66	(47 - 116)	SW846 8270C
Hexachlorobutadiene	49	(10 - 110)	SW846 8270C
Hexachloroethane	45	(10 - 110)	SW846 8270C
Nitrobenzene	59	(35 - 117)	SW846 8270C
Pentachlorophenol	58	(12 - 110)	SW846 8270C
Pyridine	54	(10 - 110)	SW846 8270C
2,4,5-Trichloro-phenol	65	(35 - 111)	SW846 8270C
2,4,6-Trichloro-phenol	62	(32 - 110)	SW846 8270C
Cresols (total)	58	(27 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(29 - 111)
2-Fluorobiphenyl	58	(22 - 110)
Terphenyl-d14	75	(40 - 119)
Phenol-d5	46	(10 - 110)
2-Fluorophenol	53	(10 - 110)
2,4,6-Tribromophenol	63	(17 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C280419 Work Order #...: MGCLR1AC Matrix.....: WASTE
 LCS Lot-Sample#: A1C300000-158
 Prep Date.....: 03/30/11 Analysis Date...: 04/01/11
 Prep Batch #...: 1089158
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
o-Cresol	81	(33 - 110)	SW846 8270C
m-Cresol & p-Cresol	83	(31 - 110)	SW846 8270C
1,4-Dichlorobenzene	83	(15 - 122)	SW846 8270C
2,4-Dinitrotoluene	83	(51 - 117)	SW846 8270C
Hexachlorobenzene	76	(47 - 115)	SW846 8270C
Hexachlorobutadiene	85	(14 - 126)	SW846 8270C
Hexachloroethane	78	(10 - 164)	SW846 8270C
Nitrobenzene	80	(37 - 127)	SW846 8270C
Pentachlorophenol	60	(15 - 110)	SW846 8270C
Pyridine	66	(12 - 120)	SW846 8270C
2,4,5-Trichloro-phenol	81	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	82	(41 - 110)	SW846 8270C
Cresols (total)	82	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(33 - 123)
2-Fluorobiphenyl	77	(29 - 114)
Terphenyl-d14	89	(42 - 124)
Phenol-d5	81	(10 - 115)
2-Fluorophenol	83	(10 - 114)
2,4,6-Tribromophenol	79	(20 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A1C280419 Work Order #...: MF9XV1AC Matrix.....: WATER
 LCS Lot-Sample#: A1C290000-045
 Prep Date.....: 03/29/11 Analysis Date...: 04/05/11
 Prep Batch #...: 1088045
 Dilution Factor: 5

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	101	(44 - 119)	SW846 8082
Aroclor 1260	94	(41 - 118)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	105	(27 - 130)
Decachlorobiphenyl	75	(10 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A1C280419 Work Order #...: MF9XX1AC Matrix.....: WASTE
 LCS Lot-Sample#: A1C290000-046
 Prep Date.....: 03/29/11 Analysis Date...: 03/30/11
 Prep Batch #...: 1088046
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	122	(34 - 127)	SW846 8082
Aroclor 1260	102	(32 - 141)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	129	(10 - 196)
Decachlorobiphenyl	89	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A1C280419 Work Order #...: MF9X01AC Matrix.....: SOLID
 LCS Lot-Sample#: A1C290000-047
 Prep Date.....: 03/29/11 Analysis Date...: 04/01/11
 Prep Batch #...: 1088047
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	110	(34 - 127)	SW846 8082
Aroclor 1260	98	(32 - 141)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	107	(10 - 196)
Decachlorobiphenyl	85	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: A1C290000-024 Prep Batch #... : 1088024					
Arsenic	101	(50 - 150)	SW846 6010B	03/29-03/31/11	MF9W61AL
		Dilution Factor: 1			
Barium	101	(50 - 150)	SW846 6010B	03/29-03/31/11	MF9W61AM
		Dilution Factor: 1			
Cadmium	103	(50 - 150)	SW846 6010B	03/29-03/31/11	MF9W61AN
		Dilution Factor: 1			
Chromium	100	(50 - 150)	SW846 6010B	03/29-03/31/11	MF9W61AP
		Dilution Factor: 1			
Lead	102	(50 - 150)	SW846 6010B	03/29-03/31/11	MF9W61AQ
		Dilution Factor: 1			
Selenium	106	(50 - 150)	SW846 6010B	03/29-03/31/11	MF9W61AR
		Dilution Factor: 1			
Silver	103	(50 - 150)	SW846 6010B	03/29-03/31/11	MF9W61AT
		Dilution Factor: 1			
Mercury	109	(50 - 150)	SW846 7470A	03/29/11	MF9W61AK
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: A1C300000-023 Prep Batch #... : 1089023					
Arsenic	103	(50 - 150)	SW846 6010B	03/30-04/04/11	MGCCA1AK
		Dilution Factor: 1			
Barium	103	(50 - 150)	SW846 6010B	03/30-04/04/11	MGCCA1AL
		Dilution Factor: 1			
Cadmium	108	(50 - 150)	SW846 6010B	03/30-04/04/11	MGCCA1AM
		Dilution Factor: 1			
Chromium	102	(50 - 150)	SW846 6010B	03/30-04/04/11	MGCCA1AN
		Dilution Factor: 1			
Lead	105	(50 - 150)	SW846 6010B	03/30-04/04/11	MGCCA1AP
		Dilution Factor: 1			
Selenium	107	(50 - 150)	SW846 6010B	03/30-04/04/11	MGCCA1AQ
		Dilution Factor: 1			
Silver	105	(50 - 150)	SW846 6010B	03/30-04/04/11	MGCCA1AR
		Dilution Factor: 1			
Mercury	102	(50 - 150)	SW846 7470A	03/30-04/01/11	MGCCA1AT
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: WASTE

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: A1C300000-190 Prep Batch #... : 1089190					
Arsenic	93	(50 - 150)	SW846 6010B	03/30-03/31/11	MGCQ71AL
		Dilution Factor: 1			
Barium	97	(50 - 150)	SW846 6010B	03/30-03/31/11	MGCQ71AM
		Dilution Factor: 1			
Cadmium	100	(50 - 150)	SW846 6010B	03/30-03/31/11	MGCQ71AN
		Dilution Factor: 1			
Chromium	96	(50 - 150)	SW846 6010B	03/30-03/31/11	MGCQ71AP
		Dilution Factor: 1			
Lead	99	(50 - 150)	SW846 6010B	03/30-03/31/11	MGCQ71AQ
		Dilution Factor: 1			
Selenium	92	(50 - 150)	SW846 6010B	03/30-03/31/11	MGCQ71AR
		Dilution Factor: 1			
Silver	92	(50 - 150)	SW846 6010B	03/30-03/31/11	MGCQ71AT
		Dilution Factor: 1			
Mercury	103	(81 - 116)	SW846 7470A	03/30-03/31/11	MGCQ71AK
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Matrix.....: WASTE

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Acid-soluble sulfide	87	Work Order #: MGL9V1AC (70 - 130)	LCS Lot-Sample#: A1D060000-133 SW846 9030B/9034	04/06/11	1096133
		Dilution Factor: 1			
Cyanide, Total	105	Work Order #: MGMAK1AC (65 - 124)	LCS Lot-Sample#: A1D060000-298 SW846 9012A	04/06/11	1096298
		Dilution Factor: 1			
Total Organic Halogens	90	Work Order #: MGF5J1AC (52 - 139)	LCS Lot-Sample#: A1C310000-287 SW846 9020B	03/31/11	1090287
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH (solid)	99	Work Order #: MGMFJ1AA (97 - 103)	LCS Lot-Sample#: A1D060000-320 SW846 9045C	04/06/11	1096320
		Dilution Factor: 1			
Acid-soluble sulfide	87	Work Order #: MGL9X1AC (70 - 130)	LCS Lot-Sample#: A1D060000-134 SW846 9030B/9034	04/06/11	1096134
		Dilution Factor: 1			
Cyanide, Total	105	Work Order #: MGMAM1AC (68 - 123)	LCS Lot-Sample#: A1D060000-299 SW846 9012A	04/06/11	1096299
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH (liquid)	99	Work Order #: MGP41AA (97 - 103)	LCS Lot-Sample#: A1D070000-341 SW846 9040B	04/07/11	1097341
		Dilution Factor: 1			
Acid-soluble sulfide	91	Work Order #: MGL8K1AC (70 - 130)	LCS Lot-Sample#: A1D060000-142 SW846 9030B/9034	04/06/11	1096142
		Dilution Factor: 1			
Cyanide, Total	105	Work Order #: MGPEE1AC (69 - 118)	LCS Lot-Sample#: A1D070000-301 SW846 9012A	04/07/11	1097301
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MF7141AD-MS Matrix.....: SOLID
 MS Lot-Sample #: A1C250602-002 MF7141AE-MSD
 Date Sampled...: 03/18/11 09:00 Date Received...: 03/19/11
 Leach Date.....: 03/28/11 Prep Date.....: 03/29/11 Analysis Date...: 03/29/11
 Leach Batch #...: P108701 Prep Batch #...: 1089120
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	103	(85 - 119)			SW846 8260B
	100	(85 - 119)	2.8	(0-30)	SW846 8260B
2-Butanone (MEK)	92	(49 - 117)			SW846 8260B
	92	(49 - 117)	0.12	(0-30)	SW846 8260B
Carbon tetrachloride	83	(60 - 110)			SW846 8260B
	80	(60 - 110)	3.0	(0-30)	SW846 8260B
Chlorobenzene	103	(85 - 113)			SW846 8260B
	101	(85 - 113)	1.6	(0-30)	SW846 8260B
Chloromethane	86	(38 - 137)			SW846 8260B
	83	(38 - 137)	4.2	(0-30)	SW846 8260B
Chloroform	102	(86 - 124)			SW846 8260B
	101	(86 - 124)	0.96	(0-30)	SW846 8260B
Bromomethane	102	(12 - 142)			SW846 8260B
	102	(12 - 142)	0.60	(0-30)	SW846 8260B
1,2-Dichloroethane	100	(80 - 115)			SW846 8260B
	97	(80 - 115)	2.6	(0-30)	SW846 8260B
1,1-Dichloroethylene	112	(67 - 139)			SW846 8260B
	107	(67 - 139)	4.1	(0-30)	SW846 8260B
Tetrachloroethylene	117	(74 - 138)			SW846 8260B
	114	(74 - 138)	3.1	(0-30)	SW846 8260B
Chloroethane	103	(17 - 133)			SW846 8260B
	101	(17 - 133)	1.2	(0-30)	SW846 8260B
Trichloroethylene	109	(75 - 134)			SW846 8260B
	104	(75 - 134)	4.1	(0-30)	SW846 8260B
Vinyl chloride	100	(51 - 118)			SW846 8260B
	98	(51 - 118)	1.3	(0-30)	SW846 8260B
Methylene chloride	113	(42 - 138)			SW846 8260B
	110	(42 - 138)	2.6	(0-30)	SW846 8260B
Acetone	99	(32 - 123)			SW846 8260B
	96	(32 - 123)	2.8	(0-30)	SW846 8260B
Carbon disulfide	116	(61 - 141)			SW846 8260B
	114	(61 - 141)	2.3	(0-30)	SW846 8260B
1,1-Dichloroethane	100	(85 - 120)			SW846 8260B
	98	(85 - 120)	2.2	(0-30)	SW846 8260B
1,2-Dichloroethene	105	(78 - 118)			SW846 8260B
(total)	102	(78 - 118)	2.2	(0-30)	SW846 8260B
1,1,1-Trichloroethane	93	(71 - 113)			SW846 8260B
	94	(71 - 113)	1.3	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MF7141AD-MS Matrix.....: SOLID
MS Lot-Sample #: A1C250602-002 MF7141AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Bromodichloromethane	90	(70 - 114)			SW846 8260B
	89	(70 - 114)	1.6	(0-30)	SW846 8260B
1,2-Dichloropropane	100	(84 - 114)			SW846 8260B
	96	(84 - 114)	3.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	86	(44 - 115)			SW846 8260B
	86	(44 - 115)	0.59	(0-30)	SW846 8260B
Dibromochloromethane	77	(58 - 110)			SW846 8260B
	77	(58 - 110)	0.48	(0-30)	SW846 8260B
1,1,2-Trichloroethane	105	(85 - 112)			SW846 8260B
	103	(85 - 112)	1.5	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	96	(29 - 121)			SW846 8260B
	95	(29 - 121)	1.2	(0-30)	SW846 8260B
Bromoform	64	(46 - 110)			SW846 8260B
	65	(46 - 110)	1.4	(0-30)	SW846 8260B
4-Methyl-2-pentanone	102	(53 - 124)			SW846 8260B
	102	(53 - 124)	0.31	(0-30)	SW846 8260B
2-Hexanone	106	(45 - 132)			SW846 8260B
	106	(45 - 132)	0.17	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	94	(65 - 120)			SW846 8260B
	94	(65 - 120)	0.33	(0-30)	SW846 8260B
Toluene	109	(86 - 116)			SW846 8260B
	108	(86 - 116)	1.4	(0-30)	SW846 8260B
Ethylbenzene	108	(79 - 118)			SW846 8260B
	104	(79 - 118)	3.7	(0-30)	SW846 8260B
Styrene	101	(61 - 129)			SW846 8260B
	99	(61 - 129)	2.0	(0-30)	SW846 8260B
Xylenes (total)	107	(73 - 123)			SW846 8260B
	104	(73 - 123)	2.8	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	101	(78 - 115)			SW846 8260B
	99	(78 - 115)	1.7	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	108	(76 - 123)			SW846 8260B
	105	(76 - 123)	2.7	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(84 - 128)
	92	(84 - 128)
1,2-Dichloroethane-d4	88	(80 - 121)
	92	(80 - 121)
Toluene-d8	100	(90 - 115)
	100	(90 - 115)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MF7141AD-MS Matrix.....: SOLID
MS Lot-Sample #: A1C250602-002 MF7141AE-MSD

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	90	(70 - 124)
	93	(70 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MFLQ31CE-MS Matrix.....: SOLID
 MS Lot-Sample #: A1C140448-001 MFLQ31CF-MSD
 Date Sampled...: 03/11/11 09:15 Date Received...: 03/12/11
 Leach Date.....: 03/29/11 Prep Date.....: 03/30/11 Analysis Date...: 03/30/11
 Leach Batch #...: P108802 Prep Batch #...: 1090178
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	104	(85 - 119)			SW846 8260B
	106	(85 - 119)	1.5	(0-30)	SW846 8260B
2-Butanone (MEK)	99	(49 - 117)			SW846 8260B
	98	(49 - 117)	0.71	(0-30)	SW846 8260B
Carbon tetrachloride	77	(60 - 110)			SW846 8260B
	79	(60 - 110)	1.7	(0-30)	SW846 8260B
Chlorobenzene	101	(85 - 113)			SW846 8260B
	101	(85 - 113)	0.08	(0-30)	SW846 8260B
Chloromethane	82	(38 - 137)			SW846 8260B
	83	(38 - 137)	1.4	(0-30)	SW846 8260B
Chloroform	101	(86 - 124)			SW846 8260B
	101	(86 - 124)	0.02	(0-30)	SW846 8260B
Bromomethane	90	(12 - 142)			SW846 8260B
	88	(12 - 142)	2.7	(0-30)	SW846 8260B
1,2-Dichloroethane	96	(80 - 115)			SW846 8260B
	98	(80 - 115)	1.4	(0-30)	SW846 8260B
1,1-Dichloroethylene	103	(67 - 139)			SW846 8260B
	102	(67 - 139)	1.2	(0-30)	SW846 8260B
Tetrachloroethylene	111	(74 - 138)			SW846 8260B
	112	(74 - 138)	0.80	(0-30)	SW846 8260B
Chloroethane	95	(17 - 133)			SW846 8260B
	95	(17 - 133)	0.04	(0-30)	SW846 8260B
Trichloroethylene	100	(75 - 134)			SW846 8260B
	101	(75 - 134)	1.1	(0-30)	SW846 8260B
Vinyl chloride	91	(51 - 118)			SW846 8260B
	92	(51 - 118)	1.0	(0-30)	SW846 8260B
Methylene chloride	101	(42 - 138)			SW846 8260B
	101	(42 - 138)	0.69	(0-30)	SW846 8260B
Acetone	90	(32 - 123)			SW846 8260B
	98	(32 - 123)	8.8	(0-30)	SW846 8260B
Carbon disulfide	103	(61 - 141)			SW846 8260B
	105	(61 - 141)	1.7	(0-30)	SW846 8260B
1,1-Dichloroethane	106	(85 - 120)			SW846 8260B
	107	(85 - 120)	0.50	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	104	(78 - 118)			SW846 8260B
	104	(78 - 118)	0.61	(0-30)	SW846 8260B
1,1,1-Trichloroethane	90	(71 - 113)			SW846 8260B
	91	(71 - 113)	1.2	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MFLQ31CE-MS Matrix.....: SOLID
MS Lot-Sample #: A1C140448-001 MFLQ31CF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Bromodichloromethane	85	(70 - 114)			SW846 8260B
	89	(70 - 114)	4.6	(0-30)	SW846 8260B
1,2-Dichloropropane	107	(84 - 114)			SW846 8260B
	106	(84 - 114)	0.24	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	86	(44 - 115)			SW846 8260B
	89	(44 - 115)	3.6	(0-30)	SW846 8260B
Dibromochloromethane	71	(58 - 110)			SW846 8260B
	74	(58 - 110)	5.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	102	(85 - 112)			SW846 8260B
	104	(85 - 112)	1.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	97	(29 - 121)			SW846 8260B
	99	(29 - 121)	1.9	(0-30)	SW846 8260B
Bromoform	61	(46 - 110)			SW846 8260B
	63	(46 - 110)	3.0	(0-30)	SW846 8260B
4-Methyl-2-pentanone	104	(53 - 124)			SW846 8260B
	109	(53 - 124)	4.6	(0-30)	SW846 8260B
2-Hexanone	110	(45 - 132)			SW846 8260B
	114	(45 - 132)	3.0	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	94	(65 - 120)			SW846 8260B
	94	(65 - 120)	0.46	(0-30)	SW846 8260B
Toluene	111	(86 - 116)			SW846 8260B
	111	(86 - 116)	0.0	(0-30)	SW846 8260B
Ethylbenzene	106	(79 - 118)			SW846 8260B
	109	(79 - 118)	3.0	(0-30)	SW846 8260B
Styrene	101	(61 - 129)			SW846 8260B
	102	(61 - 129)	1.0	(0-30)	SW846 8260B
Xylenes (total)	107	(73 - 123)			SW846 8260B
	108	(73 - 123)	0.94	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	103	(78 - 115)			SW846 8260B
	104	(78 - 115)	1.5	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	105	(76 - 123)			SW846 8260B
	105	(76 - 123)	0.24	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(86 - 125)
	90	(86 - 125)
1,2-Dichloroethane-d4	92	(80 - 121)
	92	(80 - 121)
Toluene-d8	102	(90 - 115)
	104	(90 - 115)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: A1C280419 Work Order #...: MFLQ31CE-MS Matrix.....: SOLID
MS Lot-Sample #: A1C140448-001 MFLQ31CF-MSD

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	96	(70 - 124)
	97	(70 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Lot-Sample #...: A1C280419 Work Order #...: MF7D11AW Matrix.....: SOLID
 MS Lot-Sample #: A1C250506-001
 Date Sampled...: 03/24/11 10:00 Date Received...: 03/25/11
 Prep Date.....: 03/29/11 Analysis Date...: 04/04/11
 Prep Batch #...: 1088092
 Dilution Factor: 1 Percnt Moisture: 0.65

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dichlorobenzene	66	(18 - 110)	SW846 8270C
2,4-Dinitrotoluene	82	(31 - 131)	SW846 8270C
Hexachlorobenzene	79	(36 - 132)	SW846 8270C
Hexachlorobutadiene	66	(18 - 116)	SW846 8270C
Hexachloroethane	63	(18 - 110)	SW846 8270C
Nitrobenzene	71	(19 - 211)	SW846 8270C
Pentachlorophenol	85	(10 - 140)	SW846 8270C
Pyridine	55	(10 - 148)	SW846 8270C
2,4,5-Trichloro-phenol	79	(24 - 143)	SW846 8270C
2,4,6-Trichloro-phenol	76	(36 - 135)	SW846 8270C
Cresols (total)	75	(22 - 115)	SW846 8270C
o-Cresol	72	(33 - 115)	SW846 8270C
m-Cresol & p-Cresol	76	(46 - 109)	SW846 8270C
2-Methylphenol	72	(33 - 115)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(29 - 111)
2-Fluorobiphenyl	71	(22 - 110)
Terphenyl-d14	84	(40 - 119)
Phenol-d5	63	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	80	(17 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Lot-Sample #...: A1C280419 Work Order #...: MF6891AM Matrix.....: SOLID
 MS Lot-Sample #: A1C250491-002
 Date Sampled...: 03/25/11 08:55 Date Received...: 03/25/11
 Prep Date.....: 03/30/11 Analysis Date...: 04/01/11
 Prep Batch #...: 1089089
 Dilution Factor: 1 Percnt Moisture: 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
o-Cresol	78	(33 - 115)	SW846 8270C
m-Cresol & p-Cresol	61	(46 - 109)	SW846 8270C
1,4-Dichlorobenzene	53	(18 - 110)	SW846 8270C
2,4-Dinitrotoluene	63	(31 - 131)	SW846 8270C
Hexachlorobenzene	62	(36 - 132)	SW846 8270C
Hexachlorobutadiene	50	(18 - 116)	SW846 8270C
Hexachloroethane	49	(18 - 110)	SW846 8270C
Nitrobenzene	55	(19 - 211)	SW846 8270C
Pentachlorophenol	49	(10 - 140)	SW846 8270C
Pyridine	57	(10 - 148)	SW846 8270C
2,4,5-Trichloro-phenol	63	(24 - 143)	SW846 8270C
2,4,6-Trichloro-phenol	57	(36 - 135)	SW846 8270C
Cresols (total)	67	(22 - 115)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(29 - 111)
2-Fluorobiphenyl	53	(22 - 110)
Terphenyl-d14	73	(40 - 119)
Phenol-d5	50	(10 - 110)
2-Fluorophenol	58	(10 - 110)
2,4,6-Tribromophenol	63	(17 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Lot-Sample #...: A1C280419 Work Order #...: MF8WV1A4 Matrix.....: LO
 MS Lot-Sample #: A1C280419-001
 Date Sampled...: 03/24/11 15:00 Date Received...: 03/26/11
 Prep Date.....: 03/30/11 Analysis Date...: 04/01/11
 Prep Batch #...: 1089158
 Dilution Factor: 50

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
o-Cresol	0.0	(33 - 115) Qualifiers: DIL,a	SW846 8270C
m-Cresol & p-Cresol	0.0	(46 - 109) Qualifiers: DIL,a	SW846 8270C
1,4-Dichlorobenzene	0.0	(18 - 110) Qualifiers: DIL,a	SW846 8270C
2,4-Dinitrotoluene	0.0	(31 - 131) Qualifiers: DIL,a	SW846 8270C
Hexachlorobenzene	0.0	(36 - 132) Qualifiers: DIL,a	SW846 8270C
Hexachlorobutadiene	0.0	(18 - 116) Qualifiers: DIL,a	SW846 8270C
Hexachloroethane	0.0	(18 - 110) Qualifiers: DIL,a	SW846 8270C
Nitrobenzene	0.0	(19 - 211) Qualifiers: DIL,a	SW846 8270C
Pentachlorophenol	0.0	(10 - 140) Qualifiers: DIL,a	SW846 8270C
Pyridine	0.0	(10 - 148) Qualifiers: DIL,a	SW846 8270C
2,4,5-Trichloro-phenol	0.0	(24 - 143) Qualifiers: DIL,a	SW846 8270C
2,4,6-Trichloro-phenol	0.0	(36 - 135) Qualifiers: DIL,a	SW846 8270C
Cresols (total)	0.0	(22 - 115) Qualifiers: DIL,a	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	0.0 DIL,*	(33 - 123)
2-Fluorobiphenyl	0.0 DIL,*	(29 - 114)
Terphenyl-d14	0.0 DIL,*	(42 - 124)
Phenol-d5	0.0 DIL,*	(10 - 115)
2-Fluorophenol	0.0 DIL,*	(10 - 114)
2,4,6-Tribromophenol	0.0 DIL,*	(20 - 126)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Lot-Sample #...: A1C280419

Work Order #...: MF8WV1A4

Matrix.....: LO

MS Lot-Sample #: A1C280419-001

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A1C280419 Work Order #...: MF8TV1AN-MS Matrix.....: WASTE
 MS Lot-Sample #: A1C280413-001 MF8TV1AP-MSD
 Date Sampled...: 03/25/11 12:10 Date Received...: 03/26/11
 Prep Date.....: 03/29/11 Analysis Date...: 03/30/11
 Prep Batch #...: 1088046
 Dilution Factor: 10 % Moisture.....: 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	243 DIL,a	(10 - 199)			SW846 8082
	248 DIL,a	(10 - 199)	6.1	(0-30)	SW846 8082
Aroclor 1260	399 DIL,a	(10 - 199)			SW846 8082
	388 DIL,a	(10 - 199)	1.1	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103 DIL	(10 - 196)
	104 DIL	(10 - 196)
Decachlorobiphenyl	115 DIL	(10 - 199)
	115 DIL	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A1C280419 Work Order #...: MF8W31AR-MS Matrix.....: SL
 MS Lot-Sample #: A1C280419-004 MF8W31AT-MSD
 Date Sampled...: 03/25/11 09:00 Date Received...: 03/26/11
 Prep Date.....: 03/29/11 Analysis Date...: 04/01/11
 Prep Batch #...: 1088047
 Dilution Factor: 5000

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	47200	(10 - 199)			SW846 8082
	Qualifiers: DIL,a				
	19600	(10 - 199)	50	(0-30)	SW846 8082
	Qualifiers: DIL,a,p				
Aroclor 1260	0.0 DIL,a	(10 - 199)			SW846 8082
	19900	(10 - 199)	0.0	(0-30)	SW846 8082
	Qualifiers: DIL,a				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	11400	(10 - 196)
	Qualifiers: DIL,*	
	17400	(10 - 196)
	Qualifiers: DIL,*	
Decachlorobiphenyl	16500	(10 - 199)
	Qualifiers: DIL,*	
	30000	(10 - 199)
	Qualifiers: DIL,*	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: WATER

Date Sampled...: 03/25/11 10:10 Date Received...: 03/26/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C280408-040 Prep Batch #... : 1088024							
Leach Date..... : 03/28/11 Leach Batch #... : P108702							
Arsenic	106	(50 - 150)			SW846 6010B	03/29-04/04/11	MF8RT1CF
	110	(50 - 150)	4.0	(0-20)	SW846 6010B	03/29-04/04/11	MF8RT1CG
Dilution Factor: 5							
Barium	103	(50 - 150)			SW846 6010B	03/29-04/04/11	MF8RT1CH
	107	(50 - 150)	3.8	(0-20)	SW846 6010B	03/29-04/04/11	MF8RT1CJ
Dilution Factor: 5							
Cadmium	109	(50 - 150)			SW846 6010B	03/29-04/04/11	MF8RT1CK
	114	(50 - 150)	4.2	(0-20)	SW846 6010B	03/29-04/04/11	MF8RT1CL
Dilution Factor: 5							
Chromium	106	(50 - 150)			SW846 6010B	03/29-04/04/11	MF8RT1CM
	111	(50 - 150)	4.0	(0-20)	SW846 6010B	03/29-04/04/11	MF8RT1CN
Dilution Factor: 5							
Lead	108	(50 - 150)			SW846 6010B	03/29-04/04/11	MF8RT1CP
	113	(50 - 150)	4.3	(0-20)	SW846 6010B	03/29-04/04/11	MF8RT1CQ
Dilution Factor: 5							
Selenium	111	(50 - 150)			SW846 6010B	03/29-04/04/11	MF8RT1CR
	114	(50 - 150)	2.9	(0-20)	SW846 6010B	03/29-04/04/11	MF8RT1CT
Dilution Factor: 5							
Silver	104	(50 - 150)			SW846 6010B	03/29-04/04/11	MF8RT1CU
	108	(50 - 150)	3.7	(0-20)	SW846 6010B	03/29-04/04/11	MF8RT1CV
Dilution Factor: 5							
Mercury	107	(50 - 150)			SW846 7470A	03/29/11	MF8RT1CW
	107	(50 - 150)	0.03	(0-20)	SW846 7470A	03/29/11	MF8RT1CX
Dilution Factor: 1							

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: SOLID

Date Sampled...: 03/24/11 09:35 Date Received...: 03/25/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C250584-001 Prep Batch #... : 1089023						
Leach Date..... : 03/29/11 Leach Batch #... : P108803						
Arsenic	112	(50 - 150)		SW846 6010B	03/30-04/04/11	MF7TQ1AL
	110	(50 - 150)	1.6 (0-20)	SW846 6010B	03/30-04/04/11	MF7TQ1AM
Dilution Factor: 5						
Barium	102	(50 - 150)		SW846 6010B	03/30-04/04/11	MF7TQ1AN
	101	(50 - 150)	1.3 (0-20)	SW846 6010B	03/30-04/04/11	MF7TQ1AP
Dilution Factor: 5						
Cadmium	140	(50 - 150)		SW846 6010B	03/30-04/04/11	MF7TQ1AQ
	136	(50 - 150)	1.2 (0-20)	SW846 6010B	03/30-04/04/11	MF7TQ1AR
Dilution Factor: 5						
Chromium	112	(50 - 150)		SW846 6010B	03/30-04/04/11	MF7TQ1AT
	110	(50 - 150)	1.7 (0-20)	SW846 6010B	03/30-04/04/11	MF7TQ1AU
Dilution Factor: 5						
Lead	117	(50 - 150)		SW846 6010B	03/30-04/04/11	MF7TQ1AV
	114	(50 - 150)	2.0 (0-20)	SW846 6010B	03/30-04/04/11	MF7TQ1AW
Dilution Factor: 5						
Selenium	116	(50 - 150)		SW846 6010B	03/30-04/04/11	MF7TQ1AX
	114	(50 - 150)	1.3 (0-20)	SW846 6010B	03/30-04/04/11	MF7TQ1A0
Dilution Factor: 5						
Silver	106	(50 - 150)		SW846 6010B	03/30-04/04/11	MF7TQ1A1
	104	(50 - 150)	1.8 (0-20)	SW846 6010B	03/30-04/04/11	MF7TQ1A2
Dilution Factor: 5						
Mercury	102	(50 - 150)		SW846 7470A	03/30-04/01/11	MF7TQ1A3
	103	(50 - 150)	1.0 (0-20)	SW846 7470A	03/30-04/01/11	MF7TQ1A4
Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C280419

Matrix.....: LO

Date Sampled...: 03/24/11 15:00 Date Received...: 03/26/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C280419-001 Prep Batch #... : 1089190						
Leach Date..... : 03/29/11 Leach Batch #... : P108804						
Arsenic	86	(50 - 150)		SW846 6010B	03/30-03/31/11	MF8WV1A7
	82	(50 - 150)	5.2 (0-20)	SW846 6010B	03/30-03/31/11	MF8WV1A8
Dilution Factor: 5						
Barium	87	(50 - 150)		SW846 6010B	03/30-03/31/11	MF8WV1A9
	82	(50 - 150)	5.6 (0-20)	SW846 6010B	03/30-03/31/11	MF8WV1CA
Dilution Factor: 5						
Cadmium	91	(50 - 150)		SW846 6010B	03/30-03/31/11	MF8WV1CC
	86	(50 - 150)	5.3 (0-20)	SW846 6010B	03/30-03/31/11	MF8WV1CD
Dilution Factor: 5						
Chromium	89	(50 - 150)		SW846 6010B	03/30-03/31/11	MF8WV1CE
	84	(50 - 150)	6.0 (0-20)	SW846 6010B	03/30-03/31/11	MF8WV1CF
Dilution Factor: 5						
Lead	92	(50 - 150)		SW846 6010B	03/30-03/31/11	MF8WV1CG
	87	(50 - 150)	5.3 (0-20)	SW846 6010B	03/30-03/31/11	MF8WV1CH
Dilution Factor: 5						
Selenium	89	(50 - 150)		SW846 6010B	03/30-03/31/11	MF8WV1CJ
	83	(50 - 150)	6.1 (0-20)	SW846 6010B	03/30-03/31/11	MF8WV1CK
Dilution Factor: 5						
Silver	87	(50 - 150)		SW846 6010B	03/30-03/31/11	MF8WV1CL
	82	(50 - 150)	5.8 (0-20)	SW846 6010B	03/30-03/31/11	MF8WV1CM
Dilution Factor: 5						
Mercury	103	(30 - 134)		SW846 7470A	03/30-03/31/11	MF8WV1A5
	104	(30 - 134)	0.63 (0-20)	SW846 7470A	03/30-03/31/11	MF8WV1A6
Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Matrix.....: LO

Date Sampled...: 03/24/11 15:00 Date Received...: 03/26/11

PARAMETER	PERCENT RECOVERY	RPD	PREPARATION-	PREP
RECOVERY LIMITS	RPD LIMITS	METHOD	ANALYSIS DATE	BATCH #
Total Organic Halogens	WO#: MF8WV1CN-MS/MF8WV1CP-MSD	MS Lot-Sample #: A1C280419-001		
83	(75 - 125)	SW846 9020B	03/31/11	1090287
86	(75 - 125) 3.1 (0-20)	SW846 9020B	03/31/11	1090287
Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Matrix.....: SO

Date Sampled...: 03/25/11 10:45 Date Received...: 03/26/11

PARAMETER	PERCENT RECOVERY	RPD	PREPARATION-	PREP
RECOVERY	LIMITS	RPD	ANALYSIS DATE	BATCH #
Acid-soluble sulfide	WO#: MF8W81AW-MS/MF8W81AX-MSD	MS Lot-Sample #: A1C280419-006		
71	(10 - 154)	SW846 9030B/9034	04/06/11	1096134
76	(10 - 154) 5.6 (0-20)	SW846 9030B/9034	04/06/11	1096134
Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Matrix.....: WATER

Date Sampled...: 04/04/11 12:35 Date Received...: 04/05/11

PARAMETER	PERCENT RECOVERY	RPD	PREPARATION-	PREP
	RECOVERY LIMITS	RPD LIMITS	ANALYSIS DATE	BATCH #
Acid-soluble sulfide	WO#: MGF3H1CJ-MS/MGF3H1CK-MSD	MS Lot-Sample #: A1D010403-006		
103	(27 - 124)	SW846 9030B/9034	04/06/11	1096142
89	(27 - 124)	13 (0-20) SW846 9030B/9034	04/06/11	1096142
	Dilution Factor: 1			
Cyanide, Total	WO#: MGJ4D1AG-MS/MGJ4D1AH-MSD	MS Lot-Sample #: A1D050458-001		
72 N	(80 - 120)	SW846 9012A	04/07/11	1097302
83	(80 - 120)	11 (0-20) SW846 9012A	04/07/11	1097302
	Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Matrix.....: SOLID

Date Sampled...: 03/30/11 13:55 Date Received...: 03/31/11

PARAMETER	PERCENT RECOVERY	RPD	PREPARATION-	PREP
RECOVERY LIMITS	RPD LIMITS	METHOD	ANALYSIS DATE	BATCH #
% Moisture.....: 2.4				
Cyanide, Total	WO#: MGE3R1CD-MS/MGE3R1CE-MSD	MS Lot-Sample #: A1C310504-005		
107	(50 - 134)	SW846 9012A	04/06/11	1096299
103	(50 - 134) 3.3 (0-20)	SW846 9012A	04/06/11	1096299
Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Work Order #...: MF73C-SMP
MF73C-DUP

Matrix.....: SOLID

Date Sampled...: 03/23/11 13:55 Date Received...: 03/24/11

% Moisture.....: 3.7

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	96.3	96.6	%	0.36	(0-20)	SD Lot-Sample #: A1C260401-014 MCAWW 160.3 MOD	03/30-03/31/11	1089118

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Work Order #...: MF73E-SMP
MF73E-DUP

Matrix.....: SOLID

Date Sampled...: 03/23/11 14:10 Date Received...: 03/24/11

% Moisture.....: 4.7

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	95.3	95.0	%	0.30	(0-20)	SD Lot-Sample #: A1C260401-016 MCAWW 160.3 MOD	03/30-03/31/11	1089118

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Work Order #...: MF8W8-SMP
MF8W8-DUP

Matrix.....: SO

Date Sampled...: 03/25/11 10:45 Date Received...: 03/26/11

% Moisture.....: 0.080

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)						SD Lot-Sample #: A1C280419-006		
	8.2	8.2	No Units	0.37	(0-20)	SW846 9045C	04/06/11	1096320

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Work Order #...: MGCW1-SMP
MGCW1-DUP

Matrix.....: WASTE

Date Sampled...: 03/28/11 12:20

Date Received...: 03/30/11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	9.0	9.5	No Units	5.4	(0-20)	SD Lot-Sample #: A1C300452-001 SW846 9045C	04/06/11	1096329
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Work Order #...: MGKH0-SMP
MGKH0-DUP

Matrix.....: WASTE

Date Sampled...: 04/04/11 12:30

Date Received...: 04/05/11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)						SD Lot-Sample #:	A1D050516-005	
	5.5	5.5	No Units	0.0	(0-20)	SW846 9045C	04/06/11	1096329
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Work Order #...: MF8WV-SMP
MF8WV-DUP

Matrix.....: LO

Date Sampled...: 03/24/11 15:00

Date Received...: 03/26/11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Flashpoint	>180	>180	deg F	0.0	(0-20)	SD Lot-Sample #: A1C280419-001 SW846 1010	04/06/11	1096369
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Work Order #...: MF8W1-SMP
MF8W1-DUP

Matrix.....: WW

Date Sampled...: 03/24/11 15:50

Date Received...: 03/26/11

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</u>	<u>RPD</u> <u>RPD</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Flashpoint	>180	>180	deg F	0.0	(0-20)	SD Lot-Sample #: A1C280419-002 SW846 1010	04/06/11	1096369
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Work Order #...: MGCXX-SMP
MGCXX-DUP

Matrix.....: WASTE

Date Sampled...: 03/29/11 10:00

Date Received...: 03/30/11

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>					<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Flashpoint						SD Lot-Sample #:	A1C300452-010	
>180		>180	deg F	0.0	(0-20)	SW846 1010	04/06/11	1096369
			Dilution Factor: 1					

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C280419

Work Order #...: MGNN0-SMP
MGNN0-DUP

Matrix.....: WATER

Date Sampled...: 04/05/11 15:55

Date Received...: 04/07/11

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>		<u>RPD</u>	<u>LIMIT</u>		<u>ANALYSIS DATE</u>	<u>BATCH #</u>
pH (liquid)						SD Lot-Sample #:	A1D070474-005	
	8.1	8.0	No Units	0.75	(0-20)	SW846 9040B	04/07/11	1097343
			Dilution Factor: 1					

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TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: AIC280419

Client MLC/Arcadis Project Messina NY By: Ch [Signature]
 Cooler Received on 3/26/11 Opened on 3-28-11 (Signature)

FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other ☐
 TestAmerica Cooler # L622 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other ☐

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
 If YES, Quantity 2 Quantity Unsalvageable _____

Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐

Were custody seals on the bottle(s)? Yes ☐ No ☒

If YES, are there any exceptions? _____

2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐

Relinquished by client? Yes ☐ No ☐

3. Did custody papers accompany the sample(s)? Yes ☐ No ☐

Yes ☒ No ☐

4. Were the custody papers signed in the appropriate place?

5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____

6. Cooler temperature upon receipt 4.2 °C See back of form for multiple coolers/temps ☐

METHOD: IR ☒ Other ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐

8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐

9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☒

10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐

11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒

12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

13. Was a trip blank present in the cooler(s)? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample
 Receiving to meet recommended pH level(s). Nitric Acid Lot# 100110-HNO₃; Sulfuric Acid Lot# 110410-H₂SO₄; Sodium
 Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-
 (CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative North Canton Facility

[illegible]

Discrepancies Cont'd:

[illegible]

END OF REPORT

ANALYTICAL REPORT

PROJECT NO. B0050081.2011

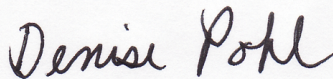
WASTE CHARACTERIZATION MASSENA

Lot #: A1C300452

Richard Boelter

ARCADIS U.S., Inc.
6723 Towpath Road
Syracuse, NY 13214

TESTAMERICA LABORATORIES, INC.



Denise Pohl
Project Manager
denise.pohl@testamericainc.com

Approved for release.
Denise Pohl
Project Manager
4/8/2011 1:24 PM

April 08, 2011

TestAmerica Laboratories, Inc.

TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720

Tel (330)497-9396 Fax (330)497-0772 www.testamericainc.com



CASE NARRATIVE

A1C300452

The following report contains the analytical results for ten waste samples submitted to TestAmerica North Canton by Arcadis U.S., Inc. from the WASTE CHARACTERIZATION MASSENA Site, project number B0050081.2011. The samples were received March 30, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Dan Kemp and Richard Boelter on April 07, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise Pohl, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 3.7 and 4.1°C.

Sample(s) OIL-WC DRUM 1&2(032811), OIL-WC DRUM 19(032811), OIL-WC DRUM 3(032811), OIL-WC DRUM 4,5,&6(032811), OIL-WC DRUM 10(032811), OIL-WC DRUM 9(032811), OIL-WC DRUM 11,13,14,&15(032811), OIL-WC DRUM 16&17(032811), OIL-WC DRUM 18(032811), and OIL-WC DRUM 21(032811) could not be analyzed within holding times for Sulfides (waste), because the request for the test was made after the holding time for the sample expired.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

There were no client requested Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples in batch(es) 1096363. Therefore, the laboratory has included a Laboratory Control Sample Duplicate (LCSD) in the QC batch. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system.

Sample(s) OIL-WC DRUM 10(032811), OIL-WC DRUM 16&17(032811), OIL-WC DRUM 18(032811), OIL-WC DRUM 19(032811), OIL-WC DRUM 21(032811), OIL-WC DRUM 3(032811), OIL-WC DRUM 4,5,&6(032811), and OIL-WC DRUM 9(032811) had elevated reporting limits due to foaming.

The zero headspace extraction for the volatile analyses yielded multiple phases for sample(s) OIL-WC DRUM 3(032811), OIL-WC DRUM 4,5,&6(032811), OIL-WC DRUM 10(032811), OIL-WC DRUM 9(032811), OIL-WC DRUM 16&17(032811), OIL-WC DRUM 21(032811), and OIL-WC DRUM 19(032811). In accordance with SW846 method 1311, the leachate and filtrate phases were analyzed separately and mathematically recombined for final results. Data for the recombined results (batch 1097139) is provided in this report.

CASE NARRATIVE (continued)

GC/MS VOLATILES (continued)

The leachate SOP for ZHEs requires that at least 25 grams of the solid portion of a multiphase sample be tumbled. Greater than 25g of total homogenized sample, including both solid and filterable portions, was used in the preparation of each multiphase sample. However, due to matrix and/or vessel limitations, less than 25 grams of the solid portion was obtained during the multiphase preparation. When sample leaching was performed, the amount of buffer added was reduced to maintain the 1:20 solid-to-buffer ratio.

GC/MS SEMIVOLATILES

The matrix spike/matrix spike duplicate(s) for OIL-WC DRUM 1&2(032811) had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

A matrix spike/matrix spike duplicate for batch(es) 1095047 was performed, but could not be reported.

Sample(s) OIL-WC DRUM 1&2(032811), OIL-WC DRUM 11,13,14,&15(032811), and OIL-WC DRUM 18(032811) had elevated reporting limits due to matrix interferences.

The TCLP extraction for the BNA analyses yielded multiple phases for sample(s) OIL-WC DRUM 3(032811), OIL-WC DRUM 4,5,&6(032811), OIL-WC DRUM 10(032811), OIL-WC DRUM 9(032811), OIL-WC DRUM 16&17(032811), OIL-WC DRUM 21(032811), and OIL-WC DRUM 19(032811). In accordance with SW846 method 1311, the leachate and filtrate phases were analyzed separately and mathematically recombined for final results. Data for the recombined results (batch 1095046) is provided in this report.

POLYCHLORINATED BIPHENYLS-8082

The LCS and/or LCSD for batch(es) 1089217 had recoveries outside acceptance criteria. Since the samples were non-detect, no corrective action was necessary.

CASE NARRATIVE (continued)

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) had elevated reporting limits due to matrix interferences. Refer to the sample report pages for the affected analyte(s) flagged with "G".

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

The matrix spike/matrix spike duplicate(s) for OIL-WC DRUM 1&2(032811) had RPD's outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The TCLP extraction for the metals analyses yielded multiple phases for sample(s) OIL-WC DRUM 3(032811), OIL-WC DRUM 4,5,&6(032811), OIL-WC DRUM 10(032811), OIL-WC DRUM 9(032811), OIL-WC DRUM 16&17(032811), OIL-WC DRUM 21(032811), and OIL-WC DRUM 19(032811). In accordance with SW846 method 1311, the leachate and filtrate phases were analyzed separately and mathematically recombined for final results. Data for the recombined results (batch 1095014) is provided in this report.

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The TOX matrix spike/matrix spike duplicate for batch(es) 1090287 also supports the samples in batch(es) 1091108.

The associated Cyanide sample(s) OIL-WC DRUM 16&17(032811) tested positive for Sulfide interference. Sulfide will distill over with the Cyanide and could affect the colorimetric procedure. Each sample is tested for the presence of Sulfide using Lead Acetate paper. If Sulfide is present, the Lead Acetate paper darkens and the samples are treated with Cadmium Carbonate to precipitate out the Sulfide. This is noted on the Cyanide benchsheet.

CASE NARRATIVE (continued)

GENERAL CHEMISTRY (continued)

According to the updates in 40-CFR, Cyanide samples that test positive for Sulfide presence must be analyzed within 48 hours of sampling. It is TestAmerica's policy to analyze samples within method recommended holding times, however, due to sampling and shipping times, it was not possible to analyze the associated Cyanide samples that have tested positive for Sulfide interference within 48 hours. The samples were treated with cadmium carbonate for the Sulfide interference as per the SOP, and data is reported.

The associated sample(s) OIL-WC DRUM 1&2(032811), OIL-WC DRUM 19(032811), OIL-WC DRUM 3(032811), OIL-WC DRUM 4,5,&6(032811), OIL-WC DRUM 10(032811), OIL-WC DRUM 9(032811), OIL-WC DRUM 11,13,14,&15(032811), OIL-WC DRUM 16&17(032811), OIL-WC DRUM 18(032811) and OIL-WC DRUM 21(032811) were logged for pH 9045C, but due to the matrix of the samples they were analyzed using pH paper instead.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.

For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the reparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' - Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals ICP-MS</u>	<u>Metals ICP Trace</u>
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the reparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.



TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY - Detection Highlights

A1C300452

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OIL-WC DRUM 1&2(032811) 03/28/11 12:20 001				
Barium - TCLP	0.61 B,J	10.0	mg/L	SW846 6010B
2-Butanone (MEK)	4.7 J	5.0	mg/L	SW846 8260B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	9.0		No Units	SW846 9045C
OIL-WC DRUM 3(032811) 03/28/11 13:00 002				
Arsenic - TCLP	0.044 B	0.50	mg/L	SW846 6010B
Barium - TCLP	0.24 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.0020 B	0.10	mg/L	SW846 6010B
Chromium - TCLP	0.029 B	0.50	mg/L	SW846 6010B
Lead - TCLP	0.030 B	0.50	mg/L	SW846 6010B
2-Butanone (MEK)	0.14 J	1.2	mg/L	SW846 8260B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	8.5		No Units	SW846 9045C
OIL-WC DRUM 4,5,&6(032811) 03/28/11 13:50 003				
Arsenic - TCLP	0.010 B	0.50	mg/L	SW846 6010B
Barium - TCLP	0.15 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.0017 B	0.10	mg/L	SW846 6010B
Chromium - TCLP	0.0029 B	0.50	mg/L	SW846 6010B
Lead - TCLP	0.0052 B	0.50	mg/L	SW846 6010B
Benzene	0.016 J	0.082	mg/L	SW846 8260B
2-Butanone (MEK)	0.79 J	0.82	mg/L	SW846 8260B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	8.0		No Units	SW846 9045C
OIL-WC DRUM 10(032811) 03/28/11 14:00 004				
Arsenic - TCLP	0.072 B	0.50	mg/L	SW846 6010B
Barium - TCLP	0.35 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.023 B	0.10	mg/L	SW846 6010B
Chromium - TCLP	0.0024 B	0.50	mg/L	SW846 6010B
Lead - TCLP	0.0037 B	0.50	mg/L	SW846 6010B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	8.5		No Units	SW846 9045C
OIL-WC DRUM 9(032811) 03/28/11 14:20 005				
Arsenic - TCLP	0.017 B	0.50	mg/L	SW846 6010B
Barium - TCLP	0.093 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.0012 B	0.10	mg/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C300452

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OIL-WC DRUM 9(032811) 03/28/11 14:20 005				
Chromium - TCLP	0.0040 B	0.50	mg/L	SW846 6010B
Lead - TCLP	0.0054 B	0.50	mg/L	SW846 6010B
2-Butanone (MEK)	0.54 J	0.90	mg/L	SW846 8260B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	8.5		No Units	SW846 9045C
Cyanide, Total	0.12 B	0.50	mg/kg	SW846 9012A
OIL-WC DRUM 11,13,14,&15(032811) 03/28/11 14:50 006				
Mercury - TCLP	0.50	0.033	mg/L	SW846 7470A
Barium - TCLP	1.4 B,J	10.0	mg/L	SW846 6010B
Benzene	0.23 J	0.50	mg/L	SW846 8260B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	6.0		No Units	SW846 9045C
OIL-WC DRUM 16&17(032811) 03/28/11 15:20 007				
Arsenic - TCLP	0.0086 B	0.50	mg/L	SW846 6010B
Barium - TCLP	0.26 B	10.0	mg/L	SW846 6010B
Chromium - TCLP	0.0027 B	0.50	mg/L	SW846 6010B
Lead - TCLP	0.012 B	0.50	mg/L	SW846 6010B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	5.5		No Units	SW846 9045C
OIL-WC DRUM 18(032811) 03/28/11 15:40 008				
Arsenic - TCLP	0.41 B	0.50	mg/L	SW846 6010B
Barium - TCLP	0.59 B,J	10.0	mg/L	SW846 6010B
Lead - TCLP	0.28 B	0.50	mg/L	SW846 6010B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	9.0		No Units	SW846 9045C
Cyanide, Total	0.30 B	0.50	mg/kg	SW846 9012A
OIL-WC DRUM 21(032811) 03/28/11 16:00 009				
Arsenic - TCLP	0.025 B	0.50	mg/L	SW846 6010B
Barium - TCLP	0.24 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.0062 B	0.10	mg/L	SW846 6010B
Chromium - TCLP	0.0030 B	0.50	mg/L	SW846 6010B
Lead - TCLP	0.028 B	0.50	mg/L	SW846 6010B
2-Butanone (MEK)	0.036 J	0.72	mg/L	SW846 8260B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	9.0		No Units	SW846 9045C

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C300452

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL</u> <u>METHOD</u>
OIL-WC DRUM 19(032811) 03/29/11 10:00 010				
Arsenic - TCLP	0.018 B	0.50	mg/L	SW846 6010B
Barium - TCLP	0.12 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.0030 B	0.10	mg/L	SW846 6010B
Chromium - TCLP	0.011 B	0.50	mg/L	SW846 6010B
Lead - TCLP	0.20 B	0.50	mg/L	SW846 6010B
Flashpoint	>180		deg F	SW846 1010
pH (solid)	9.0		No Units	SW846 9045C

ANALYTICAL METHODS SUMMARY

A1C300452

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Pensky-Martens Method for Determining Ignitability	SW846 1010
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Soil and Waste pH	SW846 9045C
Sulfides, Total 9030B/9034	SW846 9030B/9034
Total Organic Halogens	SW846 9020B
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A1C300452

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
MGCW1	001	OIL-WC	DRUM 1&2(032811)	03/28/11	12:20
MGCXE	002	OIL-WC	DRUM 3(032811)	03/28/11	13:00
MGCXF	003	OIL-WC	DRUM 4,5,&6(032811)	03/28/11	13:50
MGCXJ	004	OIL-WC	DRUM 10(032811)	03/28/11	14:00
MGCXK	005	OIL-WC	DRUM 9(032811)	03/28/11	14:20
MGCXN	006	OIL-WC	DRUM 11,13,14,&15(032811)	03/28/11	14:50
MGCXQ	007	OIL-WC	DRUM 16&17(032811)	03/28/11	15:20
MGCXR	008	OIL-WC	DRUM 18(032811)	03/28/11	15:40
MGCXV	009	OIL-WC	DRUM 21(032811)	03/28/11	16:00
MGCXX	010	OIL-WC	DRUM 19(032811)	03/29/11	10:00

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 1&2(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-001 Work Order #...: MGCW11AT Matrix.....: LO
 Date Sampled...: 03/28/11 12:20 Date Received...: 03/30/11
 Leach Date.....: 03/31/11 Prep Date.....: 04/05/11 Analysis Date...: 04/06/11
 Leach Batch #...: P109006 Prep Batch #...: 1096363
 Dilution Factor: 20
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.50	mg/L	0.0026
2-Butanone (MEK)	4.7 J	5.0	mg/L	0.011
Carbon tetrachloride	ND	0.50	mg/L	0.0026
Chlorobenzene	ND	0.50	mg/L	0.0030
Chloroform	ND	0.50	mg/L	0.0032
1,2-Dichloroethane	ND	0.50	mg/L	0.0044
1,1-Dichloroethylene	ND	0.50	mg/L	0.0038
Tetrachloroethylene	ND	0.50	mg/L	0.0058
Trichloroethylene	ND	0.50	mg/L	0.0034
Vinyl chloride	ND	0.50	mg/L	0.0044

SURROGATE	PERCENT RECOVERY	RECOVERY	
		LIMITS	
Dibromofluoromethane	70	(36 - 132)	
1,2-Dichloroethane-d4	79	(55 - 120)	
Toluene-d8	74	(29 - 132)	
4-Bromofluorobenzene	76	(27 - 136)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 1&2(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-001 Work Order #...: MGCW11AU Matrix.....: LO
 Date Sampled...: 03/28/11 12:20 Date Received...: 03/30/11
 Leach Date.....: 03/31/11 Prep Date.....: 04/02/11 Analysis Date...: 04/05/11
 Leach Batch #...: P109009 Prep Batch #...: 1092038
 Dilution Factor: 50
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	250	mg/L	0.040
m-Cresol & p-Cresol	ND	2500	mg/L	0.00075
1,4-Dichlorobenzene	ND	250	mg/L	0.017
2,4-Dinitrotoluene	ND	1200	mg/L	0.014
Hexachlorobenzene	ND	1200	mg/L	0.0050
Hexachlorobutadiene	ND	1200	mg/L	0.014
Hexachloroethane	ND	1200	mg/L	0.040
Nitrobenzene	ND	250	mg/L	0.0020
Pentachlorophenol	ND	2500	mg/L	0.12
Pyridine	ND	1200	mg/L	0.018
2,4,5-Trichloro-phenol	ND	1200	mg/L	0.015
2,4,6-Trichloro-phenol	ND	1200	mg/L	0.040

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Nitrobenzene-d5	0.0	DIL, *	(33 - 123)	
2-Fluorobiphenyl	0.0	DIL, *	(29 - 114)	
Terphenyl-d14	0.0	DIL, *	(42 - 124)	
Phenol-d5	0.0	DIL, *	(10 - 115)	
2-Fluorophenol	0.0	DIL, *	(10 - 114)	
2,4,6-Tribromophenol	0.0	DIL, *	(20 - 126)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 1&2(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-001 Work Order #...: MGCW11AA Matrix.....: LO
 Date Sampled...: 03/28/11 12:20 Date Received..: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date..: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	96		(10 - 196)	
Decachlorobiphenyl	98		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 1&2(032811)

TCLP Metals

Lot-Sample #...: A1C300452-001

Matrix.....: LO

Date Sampled...: 03/28/11 12:20 Date Received...: 03/30/11

Leach Date.....: 03/31/11 Leach Batch #...: P109009

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1091182						
Arsenic	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGCW11AW
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.61 B,J	10.0	mg/L	SW846 6010B	04/01-04/04/11	MGCW11AX
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	ND	0.10	mg/L	SW846 6010B	04/01-04/04/11	MGCW11A0
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGCW11A1
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGCW11A2
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND	0.60	mg/L	SW846 6010B	04/01-04/04/11	MGCW11A3
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGCW11A4
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND	0.033	mg/L	SW846 7470A	04/01-04/06/11	MGCW11AV
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 1&2(032811)

General Chemistry

Lot-Sample #...: A1C300452-001 Work Order #...: MGCW1 Matrix.....: LO
 Date Sampled...: 03/28/11 12:20 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	9.0		No Units	SW846 9045C	04/06/11	1096329
				MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
				MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
				MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
				MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	03/31/11	1090287
				MDL.....: 15.0		

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 3(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-002 Work Order #...: MGCXE1A4 Matrix.....: LO
 Date Sampled...: 03/28/11 13:00 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/07/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109405 Prep Batch #...: 1097139
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.12	mg/L	0.00013
2-Butanone (MEK)	0.14 J	1.2	mg/L	0.00057
Carbon tetrachloride	ND	0.12	mg/L	0.00013
Chlorobenzene	ND	0.12	mg/L	0.00015
Chloroform	ND	0.12	mg/L	0.00016
1,2-Dichloroethane	ND	0.12	mg/L	0.00022
1,1-Dichloroethylene	ND	0.12	mg/L	0.00019
Tetrachloroethylene	ND	0.12	mg/L	0.00029
Trichloroethylene	ND	0.12	mg/L	0.00017
Vinyl chloride	ND	0.12	mg/L	0.00022

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 3(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-002 Work Order #...: MGCXE1A5 Matrix.....: LO
 Date Sampled...: 03/28/11 13:00 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/05/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109407 Prep Batch #...: 1095046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	12	mg/L	0.00080
m-Cresol & p-Cresol	ND	120	mg/L	0.00075
1,4-Dichlorobenzene	ND	12	mg/L	0.00034
2,4-Dinitrotoluene	ND	59	mg/L	0.00027
Hexachlorobenzene	ND	59	mg/L	0.00010
Hexachlorobutadiene	ND	59	mg/L	0.00027
Hexachloroethane	ND	59	mg/L	0.00080
Nitrobenzene	ND	12	mg/L	0.000040
Pentachlorophenol	ND	120	mg/L	0.0024
Pyridine	ND	59	mg/L	0.00035
2,4,5-Trichloro-phenol	ND	59	mg/L	0.00030
2,4,6-Trichloro-phenol	ND	59	mg/L	0.00080

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 3(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-002 Work Order #...: MGCXE1AA Matrix.....: LO
 Date Sampled...: 03/28/11 13:00 Date Received..: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date..: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	109		(10 - 196)	
Decachlorobiphenyl	90		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 3(032811)

TCLP Metals

Lot-Sample #...: A1C300452-002

Matrix.....: LO

Date Sampled...: 03/28/11 13:00 **Date Received..**: 03/30/11

Leach Date.....: 04/04/11 **Leach Batch #...**: P109407

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #... : 1095014						
Arsenic	0.044 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXE1A7
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.24 B	10.0	mg/L	SW846 6010B	04/05-04/06/11	MGCXE1A8
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.0020 B	0.10	mg/L	SW846 6010B	04/05-04/06/11	MGCXE1A9
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	0.029 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXE1CA
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.030 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXE1CC
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND G	0.27	mg/L	SW846 6010B	04/05-04/06/11	MGCXE1CD
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXE1CE
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND G	0.0047	mg/L	SW846 7470A	04/05-04/06/11	MGCXE1A6
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 3(032811)

General Chemistry

Lot-Sample #...: A1C300452-002 Work Order #...: MGCXE Matrix.....: LO
 Date Sampled...: 03/28/11 13:00 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	8.5		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	03/31/11	1090287
			Dilution Factor: 1	MDL.....: 15.0		

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 4,5,&6(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-003 Work Order #...: MGCXF1A4 Matrix.....: LO
 Date Sampled...: 03/28/11 13:50 Date Received...: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/07/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109405 Prep Batch #...: 1097139
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	0.016 J	0.082	mg/L	0.00013
2-Butanone (MEK)	0.79 J	0.82	mg/L	0.00057
Carbon tetrachloride	ND	0.082	mg/L	0.00013
Chlorobenzene	ND	0.082	mg/L	0.00015
Chloroform	ND	0.082	mg/L	0.00016
1,2-Dichloroethane	ND	0.082	mg/L	0.00022
1,1-Dichloroethylene	ND	0.082	mg/L	0.00019
Tetrachloroethylene	ND	0.082	mg/L	0.00029
Trichloroethylene	ND	0.082	mg/L	0.00017
Vinyl chloride	ND	0.082	mg/L	0.00022

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 4,5,&6(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-003 Work Order #...: MGCXF1A5 Matrix.....: LO
 Date Sampled...: 03/28/11 13:50 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/05/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109407 Prep Batch #...: 1095046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	17	mg/L	0.00080
m-Cresol & p-Cresol	ND	170	mg/L	0.00075
1,4-Dichlorobenzene	ND	17	mg/L	0.00034
2,4-Dinitrotoluene	ND	84	mg/L	0.00027
Hexachlorobenzene	ND	84	mg/L	0.00010
Hexachlorobutadiene	ND	84	mg/L	0.00027
Hexachloroethane	ND	84	mg/L	0.00080
Nitrobenzene	ND	17	mg/L	0.000040
Pentachlorophenol	ND	170	mg/L	0.0024
Pyridine	ND	84	mg/L	0.00035
2,4,5-Trichloro-phenol	ND	84	mg/L	0.00030
2,4,6-Trichloro-phenol	ND	84	mg/L	0.00080

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 4,5,&6(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-003 Work Order #...: MGCXF1AA Matrix.....: LO
 Date Sampled...: 03/28/11 13:50 Date Received...: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date...: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	90		(10 - 196)	
Decachlorobiphenyl	99		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 4,5,&6(032811)

TCLP Metals

Lot-Sample #...: A1C300452-003

Matrix.....: LO

Date Sampled...: 03/28/11 13:50 Date Received...: 03/30/11

Leach Date.....: 04/04/11 Leach Batch #...: P109407

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...:	1095014					
Arsenic	0.010 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXF1A7
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.15 B	10.0	mg/L	SW846 6010B	04/05-04/06/11	MGCXF1A8
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.0017 B	0.10	mg/L	SW846 6010B	04/05-04/06/11	MGCXF1A9
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	0.0029 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXF1CA
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.0052 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXF1CC
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND G	0.27	mg/L	SW846 6010B	04/05-04/06/11	MGCXF1CD
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXF1CE
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND G	0.0039	mg/L	SW846 7470A	04/05-04/06/11	MGCXF1A6
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 4,5,&6(032811)

General Chemistry

Lot-Sample #...: A1C300452-003 Work Order #...: MGCXF Matrix.....: LO
 Date Sampled...: 03/28/11 13:50 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	8.0		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	03/31/11	1090287
			Dilution Factor: 1	MDL.....: 15.0		

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 10(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-004 Work Order #...: MGCXJ1A4 Matrix.....: LO
 Date Sampled...: 03/28/11 14:00 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/07/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109405 Prep Batch #...: 1097139
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.13	mg/L	0.00013
2-Butanone (MEK)	ND	1.3	mg/L	0.00057
Carbon tetrachloride	ND	0.13	mg/L	0.00013
Chlorobenzene	ND	0.13	mg/L	0.00015
Chloroform	ND	0.13	mg/L	0.00016
1,2-Dichloroethane	ND	0.13	mg/L	0.00022
1,1-Dichloroethylene	ND	0.13	mg/L	0.00019
Tetrachloroethylene	ND	0.13	mg/L	0.00029
Trichloroethylene	ND	0.13	mg/L	0.00017
Vinyl chloride	ND	0.13	mg/L	0.00022

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 10(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-004 Work Order #...: MGCXJ1A5 Matrix.....: LO
 Date Sampled...: 03/28/11 14:00 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/05/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109407 Prep Batch #...: 1095046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	16	mg/L	0.00080
m-Cresol & p-Cresol	ND	160	mg/L	0.00075
1,4-Dichlorobenzene	ND	16	mg/L	0.00034
2,4-Dinitrotoluene	ND	80	mg/L	0.00027
Hexachlorobenzene	ND	80	mg/L	0.00010
Hexachlorobutadiene	ND	80	mg/L	0.00027
Hexachloroethane	ND	80	mg/L	0.00080
Nitrobenzene	ND	16	mg/L	0.000040
Pentachlorophenol	ND	160	mg/L	0.0024
Pyridine	ND	80	mg/L	0.00035
2,4,5-Trichloro-phenol	ND	80	mg/L	0.00030
2,4,6-Trichloro-phenol	ND	80	mg/L	0.00080

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 10(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-004 Work Order #...: MGCXJ1AA Matrix.....: LO
 Date Sampled...: 03/28/11 14:00 Date Received..: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date..: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	112		(10 - 196)	
Decachlorobiphenyl	66		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 10(032811)

TCLP Metals

Lot-Sample #...: A1C300452-004

Matrix.....: LO

Date Sampled...: 03/28/11 14:00 Date Received...: 03/30/11

Leach Date.....: 04/04/11 Leach Batch #...: P109407

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1095014						
Arsenic	0.072 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXJ1A7
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.35 B	10.0	mg/L	SW846 6010B	04/05-04/06/11	MGCXJ1A8
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.023 B	0.10	mg/L	SW846 6010B	04/05-04/06/11	MGCXJ1A9
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	0.0024 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXJ1CA
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.0037 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXJ1CC
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND G	0.28	mg/L	SW846 6010B	04/05-04/06/11	MGCXJ1CD
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXJ1CE
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND G	0.0056	mg/L	SW846 7470A	04/05-04/06/11	MGCXJ1A6
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 10(032811)

General Chemistry

Lot-Sample #...: A1C300452-004 Work Order #...: MGCXJ Matrix.....: LO
 Date Sampled...: 03/28/11 14:00 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	8.5		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	03/31/11	1090287
			Dilution Factor: 1	MDL.....: 15.0		

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 9(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-005 Work Order #...: MGCXK1A4 Matrix.....: LO
 Date Sampled...: 03/28/11 14:20 Date Received...: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/07/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109405 Prep Batch #...: 1097139
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.090	mg/L	0.00013
2-Butanone (MEK)	0.54 J	0.90	mg/L	0.00057
Carbon tetrachloride	ND	0.090	mg/L	0.00013
Chlorobenzene	ND	0.090	mg/L	0.00015
Chloroform	ND	0.090	mg/L	0.00016
1,2-Dichloroethane	ND	0.090	mg/L	0.00022
1,1-Dichloroethylene	ND	0.090	mg/L	0.00019
Tetrachloroethylene	ND	0.090	mg/L	0.00029
Trichloroethylene	ND	0.090	mg/L	0.00017
Vinyl chloride	ND	0.090	mg/L	0.00022

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 9(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-005 Work Order #...: MGCXK1A5 Matrix.....: LO
 Date Sampled...: 03/28/11 14:20 Date Received...: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/05/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109407 Prep Batch #...: 1095046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	16	mg/L	0.00080
m-Cresol & p-Cresol	ND	160	mg/L	0.00075
1,4-Dichlorobenzene	ND	16	mg/L	0.00034
2,4-Dinitrotoluene	ND	79	mg/L	0.00027
Hexachlorobenzene	ND	79	mg/L	0.00010
Hexachlorobutadiene	ND	79	mg/L	0.00027
Hexachloroethane	ND	79	mg/L	0.00080
Nitrobenzene	ND	16	mg/L	0.000040
Pentachlorophenol	ND	160	mg/L	0.0024
Pyridine	ND	79	mg/L	0.00035
2,4,5-Trichloro-phenol	ND	79	mg/L	0.00030
2,4,6-Trichloro-phenol	ND	79	mg/L	0.00080

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 9(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-005 Work Order #...: MGCXK1AA Matrix.....: LO
 Date Sampled...: 03/28/11 14:20 Date Received...: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date...: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	111		(10 - 196)	
Decachlorobiphenyl	101		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 9(032811)

TCLP Metals

Lot-Sample #...: A1C300452-005

Matrix.....: LO

Date Sampled...: 03/28/11 14:20 Date Received...: 03/30/11

Leach Date.....: 04/04/11 Leach Batch #...: P109407

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1095014						
Arsenic	0.017 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXK1A7
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.093 B	10.0	mg/L	SW846 6010B	04/05-04/06/11	MGCXK1A8
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.0012 B	0.10	mg/L	SW846 6010B	04/05-04/06/11	MGCXK1A9
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	0.0040 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXK1CA
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.0054 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXK1CC
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND G	0.27	mg/L	SW846 6010B	04/05-04/06/11	MGCXK1CD
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXK1CE
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND G	0.0038	mg/L	SW846 7470A	04/05-04/06/11	MGCXK1A6
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 9(032811)

General Chemistry

Lot-Sample #...: A1C300452-005 Work Order #...: MGCXK Matrix.....: LO
 Date Sampled...: 03/28/11 14:20 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	8.5		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	0.12 B	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	03/31/11	1090287
			Dilution Factor: 1	MDL.....: 15.0		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 11,13,14,&15(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-006 Work Order #...: MGCXN1AR Matrix.....: LO
 Date Sampled...: 03/28/11 14:50 Date Received...: 03/30/11
 Leach Date.....: 03/31/11 Prep Date.....: 04/05/11 Analysis Date...: 04/06/11
 Leach Batch #...: P109006 Prep Batch #...: 1096363
 Dilution Factor: 20
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	0.23 J	0.50	mg/L	0.0026
2-Butanone (MEK)	ND	5.0	mg/L	0.011
Carbon tetrachloride	ND	0.50	mg/L	0.0026
Chlorobenzene	ND	0.50	mg/L	0.0030
Chloroform	ND	0.50	mg/L	0.0032
1,2-Dichloroethane	ND	0.50	mg/L	0.0044
1,1-Dichloroethylene	ND	0.50	mg/L	0.0038
Tetrachloroethylene	ND	0.50	mg/L	0.0058
Trichloroethylene	ND	0.50	mg/L	0.0034
Vinyl chloride	ND	0.50	mg/L	0.0044

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Dibromofluoromethane	69		(36 - 132)	
1,2-Dichloroethane-d4	81		(55 - 120)	
Toluene-d8	72		(29 - 132)	
4-Bromofluorobenzene	78		(27 - 136)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 11,13,14,&15(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-006 Work Order #...: MGCXN1AT Matrix.....: LO
 Date Sampled...: 03/28/11 14:50 Date Received...: 03/30/11
 Leach Date.....: 03/31/11 Prep Date.....: 04/02/11 Analysis Date...: 04/05/11
 Leach Batch #...: P109009 Prep Batch #...: 1092038
 Dilution Factor: 50
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	250	mg/L	0.040
m-Cresol & p-Cresol	ND	2500	mg/L	0.00075
1,4-Dichlorobenzene	ND	250	mg/L	0.017
2,4-Dinitrotoluene	ND	1200	mg/L	0.014
Hexachlorobenzene	ND	1200	mg/L	0.0050
Hexachlorobutadiene	ND	1200	mg/L	0.014
Hexachloroethane	ND	1200	mg/L	0.040
Nitrobenzene	ND	250	mg/L	0.0020
Pentachlorophenol	ND	2500	mg/L	0.12
Pyridine	ND	1200	mg/L	0.018
2,4,5-Trichloro-phenol	ND	1200	mg/L	0.015
2,4,6-Trichloro-phenol	ND	1200	mg/L	0.040

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Nitrobenzene-d5	0.0 DIL, *	(33 - 123)
2-Fluorobiphenyl	0.0 DIL, *	(29 - 114)
Terphenyl-d14	0.0 DIL, *	(42 - 124)
Phenol-d5	0.0 DIL, *	(10 - 115)
2-Fluorophenol	0.0 DIL, *	(10 - 114)
2,4,6-Tribromophenol	0.0 DIL, *	(20 - 126)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 11,13,14,&15(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-006 Work Order #...: MGCXN1AA Matrix.....: LO
 Date Sampled...: 03/28/11 14:50 Date Received...: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date...: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	105		(10 - 196)	
Decachlorobiphenyl	41		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 11,13,14,&15(032811)

TCLP Metals

Lot-Sample #...: A1C300452-006

Matrix.....: LO

Date Sampled...: 03/28/11 14:50 Date Received...: 03/30/11

Leach Date.....: 03/31/11 Leach Batch #...: P109009

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1091182						
Arsenic	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGCXN1AV
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	1.4 B,J	10.0	mg/L	SW846 6010B	04/01-04/04/11	MGCXN1AW
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	ND	0.10	mg/L	SW846 6010B	04/01-04/04/11	MGCXN1AX
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGCXN1A0
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGCXN1A1
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND	0.60	mg/L	SW846 6010B	04/01-04/04/11	MGCXN1A2
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGCXN1A3
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	0.50	0.033	mg/L	SW846 7470A	04/01-04/06/11	MGCXN1AU
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 11,13,14,&15(032811)

General Chemistry

Lot-Sample #...: A1C300452-006 Work Order #...: MGCXN Matrix.....: LO
 Date Sampled...: 03/28/11 14:50 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	6.0		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	03/31/11	1090287
			Dilution Factor: 1	MDL.....: 15.0		

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 16&17(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-007 Work Order #...: MGCXQ1A4 Matrix.....: LO
 Date Sampled...: 03/28/11 15:20 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/07/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109405 Prep Batch #...: 1097139
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.099	mg/L	0.00013
2-Butanone (MEK)	ND	0.99	mg/L	0.00057
Carbon tetrachloride	ND	0.099	mg/L	0.00013
Chlorobenzene	ND	0.099	mg/L	0.00015
Chloroform	ND	0.099	mg/L	0.00016
1,2-Dichloroethane	ND	0.099	mg/L	0.00022
1,1-Dichloroethylene	ND	0.099	mg/L	0.00019
Tetrachloroethylene	ND	0.099	mg/L	0.00029
Trichloroethylene	ND	0.099	mg/L	0.00017
Vinyl chloride	ND	0.099	mg/L	0.00022

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 16&17(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-007 Work Order #...: MGCXQ1A5 Matrix.....: LO
 Date Sampled...: 03/28/11 15:20 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/05/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109407 Prep Batch #...: 1095046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	10	mg/L	0.00080
m-Cresol & p-Cresol	ND	100	mg/L	0.00075
1,4-Dichlorobenzene	ND	10	mg/L	0.00034
2,4-Dinitrotoluene	ND	51	mg/L	0.00027
Hexachlorobenzene	ND	51	mg/L	0.00010
Hexachlorobutadiene	ND	51	mg/L	0.00027
Hexachloroethane	ND	51	mg/L	0.00080
Nitrobenzene	ND	10	mg/L	0.000040
Pentachlorophenol	ND	100	mg/L	0.0024
Pyridine	ND	51	mg/L	0.00035
2,4,5-Trichloro-phenol	ND	51	mg/L	0.00030
2,4,6-Trichloro-phenol	ND	51	mg/L	0.00080

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 16&17(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-007 Work Order #...: MGCXQ1AA Matrix.....: LO
 Date Sampled...: 03/28/11 15:20 Date Received..: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date..: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	105		(10 - 196)	
Decachlorobiphenyl	41		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 16&17(032811)

TCLP Metals

Lot-Sample #...: A1C300452-007

Matrix.....: LO

Date Sampled...: 03/28/11 15:20 Date Received...: 03/30/11

Leach Date.....: 04/04/11 Leach Batch #...: P109407

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1095014						
Arsenic	0.0086 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXQ1A7
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.26 B	10.0	mg/L	SW846 6010B	04/05-04/06/11	MGCXQ1A8
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	ND	0.10	mg/L	SW846 6010B	04/05-04/06/11	MGCXQ1A9
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	0.0027 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXQ1CA
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.012 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXQ1CC
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND G	0.26	mg/L	SW846 6010B	04/05-04/06/11	MGCXQ1CD
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXQ1CE
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND G	0.0031	mg/L	SW846 7470A	04/05-04/06/11	MGCXQ1A6
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 16&17(032811)

General Chemistry

Lot-Sample #...: A1C300452-007 Work Order #...: MGCXQ Matrix.....: LO
 Date Sampled...: 03/28/11 15:20 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	5.5		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	04/01/11	1091108
			Dilution Factor: 1	MDL.....: 15.0		

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 18(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-008 Work Order #...: MGCXR1AR Matrix.....: LO
 Date Sampled...: 03/28/11 15:40 Date Received...: 03/30/11
 Leach Date.....: 03/31/11 Prep Date.....: 04/05/11 Analysis Date...: 04/06/11
 Leach Batch #...: P109405 Prep Batch #...: 1096363
 Dilution Factor: 40
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	1.0	mg/L	0.0052
2-Butanone (MEK)	ND	10	mg/L	0.023
Carbon tetrachloride	ND	1.0	mg/L	0.0052
Chlorobenzene	ND	1.0	mg/L	0.0060
Chloroform	ND	1.0	mg/L	0.0064
1,2-Dichloroethane	ND	1.0	mg/L	0.0088
1,1-Dichloroethylene	ND	1.0	mg/L	0.0076
Tetrachloroethylene	ND	1.0	mg/L	0.012
Trichloroethylene	ND	1.0	mg/L	0.0068
Vinyl chloride	ND	1.0	mg/L	0.0088

SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Dibromofluoromethane	60 DIL		(36 - 132)	
1,2-Dichloroethane-d4	76 DIL		(55 - 120)	
Toluene-d8	69 DIL		(29 - 132)	
4-Bromofluorobenzene	67 DIL		(27 - 136)	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311
 DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 18(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-008 Work Order #...: MGCXR1AT Matrix.....: LO
 Date Sampled...: 03/28/11 15:40 Date Received...: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/05/11 Analysis Date...: 04/06/11
 Leach Batch #...: P109407 Prep Batch #...: 1095047
 Dilution Factor: 25
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	120	mg/L	0.020
m-Cresol & p-Cresol	ND	1200	mg/L	0.00075
1,4-Dichlorobenzene	ND	120	mg/L	0.0085
2,4-Dinitrotoluene	ND	620	mg/L	0.0068
Hexachlorobenzene	ND	620	mg/L	0.0025
Hexachlorobutadiene	ND	620	mg/L	0.0068
Hexachloroethane	ND	620	mg/L	0.020
Nitrobenzene	ND	120	mg/L	0.0010
Pentachlorophenol	ND	1200	mg/L	0.060
Pyridine	ND	620	mg/L	0.0088
2,4,5-Trichloro-phenol	ND	620	mg/L	0.0075
2,4,6-Trichloro-phenol	ND	620	mg/L	0.020

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Nitrobenzene-d5	88 DIL	(33 - 123)
2-Fluorobiphenyl	90 DIL	(29 - 114)
Terphenyl-d14	112 DIL	(42 - 124)
Phenol-d5	113 DIL	(10 - 115)
2-Fluorophenol	86 DIL	(10 - 114)
2,4,6-Tribromophenol	0.0 DIL, *	(20 - 126)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 18(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-008 Work Order #...: MGCXR1AA Matrix.....: LO
 Date Sampled...: 03/28/11 15:40 Date Received..: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date..: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	110		(10 - 196)	
Decachlorobiphenyl	55		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 18(032811)

TCLP Metals

Lot-Sample #...: A1C300452-008

Matrix.....: LO

Date Sampled...: 03/28/11 15:40 Date Received...: 03/30/11

Leach Date.....: 04/04/11 Leach Batch #...: P109407

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1095015						
Arsenic	0.41 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXR1AV
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.59 B,J	10.0	mg/L	SW846 6010B	04/05-04/06/11	MGCXR1AW
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	ND	0.10	mg/L	SW846 6010B	04/05-04/06/11	MGCXR1AX
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXR1A0
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.28 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXR1A1
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXR1A2
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXR1A3
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND	0.033	mg/L	SW846 7470A	04/05-04/06/11	MGCXR1AU
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 18(032811)

General Chemistry

Lot-Sample #...: A1C300452-008 Work Order #...: MGCXR Matrix.....: LO
 Date Sampled...: 03/28/11 15:40 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	9.0		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	0.30 B	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	04/01/11	1091108
			Dilution Factor: 1	MDL.....: 15.0		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 21(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-009 Work Order #...: MGCXV1A4 Matrix.....: LO
 Date Sampled...: 03/28/11 16:00 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/07/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109405 Prep Batch #...: 1097139
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.072	mg/L	0.00013
2-Butanone (MEK)	0.036 J	0.72	mg/L	0.00057
Carbon tetrachloride	ND	0.072	mg/L	0.00013
Chlorobenzene	ND	0.072	mg/L	0.00015
Chloroform	ND	0.072	mg/L	0.00016
1,2-Dichloroethane	ND	0.072	mg/L	0.00022
1,1-Dichloroethylene	ND	0.072	mg/L	0.00019
Tetrachloroethylene	ND	0.072	mg/L	0.00029
Trichloroethylene	ND	0.072	mg/L	0.00017
Vinyl chloride	ND	0.072	mg/L	0.00022

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 21(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-009 Work Order #...: MGCXV1A5 Matrix.....: LO
 Date Sampled...: 03/28/11 16:00 Date Received...: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/05/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109407 Prep Batch #...: 1095046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	9.8	mg/L	0.00080
m-Cresol & p-Cresol	ND	98	mg/L	0.00075
1,4-Dichlorobenzene	ND	9.8	mg/L	0.00034
2,4-Dinitrotoluene	ND	49	mg/L	0.00027
Hexachlorobenzene	ND	49	mg/L	0.00010
Hexachlorobutadiene	ND	49	mg/L	0.00027
Hexachloroethane	ND	49	mg/L	0.00080
Nitrobenzene	ND	9.8	mg/L	0.000040
Pentachlorophenol	ND	98	mg/L	0.0024
Pyridine	ND	49	mg/L	0.00035
2,4,5-Trichloro-phenol	ND	49	mg/L	0.00030
2,4,6-Trichloro-phenol	ND	49	mg/L	0.00080

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 21(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-009 Work Order #...: MGCXV1AA Matrix.....: LO
 Date Sampled...: 03/28/11 16:00 Date Received..: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date..: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	99		(10 - 196)	
Decachlorobiphenyl	77		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 21(032811)

TCLP Metals

Lot-Sample #...: A1C300452-009

Matrix.....: LO

Date Sampled...: 03/28/11 16:00 Date Received...: 03/30/11

Leach Date.....: 04/04/11 Leach Batch #...: P109407

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1095014						
Arsenic	0.025 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXV1A7
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.24 B	10.0	mg/L	SW846 6010B	04/05-04/06/11	MGCXV1A8
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.0062 B	0.10	mg/L	SW846 6010B	04/05-04/06/11	MGCXV1A9
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	0.0030 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXV1CA
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.028 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXV1CC
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND G	0.27	mg/L	SW846 6010B	04/05-04/06/11	MGCXV1CD
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXV1CE
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND G	0.0042	mg/L	SW846 7470A	04/05-04/06/11	MGCXV1A6
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 21(032811)

General Chemistry

Lot-Sample #...: A1C300452-009 Work Order #...: MGCXV Matrix.....: LO
 Date Sampled...: 03/28/11 16:00 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	9.0		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	04/01/11	1091108
			Dilution Factor: 1	MDL.....: 15.0		

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 19(032811)

TCLP GC/MS Volatiles

Lot-Sample #...: A1C300452-010 Work Order #...: MGCXX1A4 Matrix.....: LO
 Date Sampled...: 03/29/11 10:00 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/07/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109405 Prep Batch #...: 1097139
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Benzene	ND	0.11	mg/L	0.00013
2-Butanone (MEK)	ND	1.1	mg/L	0.00057
Carbon tetrachloride	ND	0.11	mg/L	0.00013
Chlorobenzene	ND	0.11	mg/L	0.00015
Chloroform	ND	0.11	mg/L	0.00016
1,2-Dichloroethane	ND	0.11	mg/L	0.00022
1,1-Dichloroethylene	ND	0.11	mg/L	0.00019
Tetrachloroethylene	ND	0.11	mg/L	0.00029
Trichloroethylene	ND	0.11	mg/L	0.00017
Vinyl chloride	ND	0.11	mg/L	0.00022

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 19(032811)

TCLP GC/MS Semivolatiles

Lot-Sample #...: A1C300452-010 Work Order #...: MGCXX1A5 Matrix.....: LO
 Date Sampled...: 03/29/11 10:00 Date Received..: 03/30/11
 Leach Date.....: 04/04/11 Prep Date.....: 04/05/11 Analysis Date...: 04/07/11
 Leach Batch #...: P109407 Prep Batch #...: 1095046
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
o-Cresol	ND	4.5	mg/L	0.00080
m-Cresol & p-Cresol	ND	45	mg/L	0.00075
1,4-Dichlorobenzene	ND	4.5	mg/L	0.00034
2,4-Dinitrotoluene	ND	23	mg/L	0.00027
Hexachlorobenzene	ND	23	mg/L	0.00010
Hexachlorobutadiene	ND	23	mg/L	0.00027
Hexachloroethane	ND	23	mg/L	0.00080
Nitrobenzene	ND	4.5	mg/L	0.000040
Pentachlorophenol	ND	45	mg/L	0.0024
Pyridine	ND	23	mg/L	0.00035
2,4,5-Trichloro-phenol	ND	23	mg/L	0.00030
2,4,6-Trichloro-phenol	ND	23	mg/L	0.00080

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 19(032811)

GC Semivolatiles

Lot-Sample #...: A1C300452-010 Work Order #...: MGCXX1AA Matrix.....: LO
 Date Sampled...: 03/29/11 10:00 Date Received..: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date..: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1
 % Moisture.....: Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	1000	ug/kg	190
Aroclor 1221	ND	1000	ug/kg	220
Aroclor 1232	ND	1000	ug/kg	170
Aroclor 1242	ND	1000	ug/kg	290
Aroclor 1248	ND	1000	ug/kg	200
Aroclor 1254	ND	1000	ug/kg	120
Aroclor 1260	ND	1000	ug/kg	130
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Tetrachloro-m-xylene	112		(10 - 196)	
Decachlorobiphenyl	57		(10 - 199)	

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 19(032811)

TCLP Metals

Lot-Sample #...: A1C300452-010

Matrix.....: LO

Date Sampled...: 03/29/11 10:00 Date Received...: 03/30/11

Leach Date.....: 04/04/11 Leach Batch #...: P109407

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1095014						
Arsenic	0.018 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXX1A7
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.12 B	10.0	mg/L	SW846 6010B	04/05-04/06/11	MGCXX1A8
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.0030 B	0.10	mg/L	SW846 6010B	04/05-04/06/11	MGCXX1A9
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	0.011 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXX1CA
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.20 B	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXX1CC
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND G	0.26	mg/L	SW846 6010B	04/05-04/06/11	MGCXX1CD
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGCXX1CE
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND G	0.0030	mg/L	SW846 7470A	04/05-04/06/11	MGCXX1A6
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ARCADIS U.S., Inc.

Client Sample ID: OIL-WC DRUM 19(032811)

General Chemistry

Lot-Sample #...: A1C300452-010 Work Order #...: MGCXX Matrix.....: LO
 Date Sampled...: 03/29/11 10:00 Date Received..: 03/30/11
 % Moisture.....:

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	9.0		No Units	SW846 9045C	04/06/11	1096329
			Dilution Factor: 1	MDL.....:		
Acid-soluble sulfide	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
			Dilution Factor: 1	MDL.....: 22.0		
Cyanide, Total	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
			Dilution Factor: 1	MDL.....: 0.10		
Flashpoint	>180		deg F	SW846 1010	04/06/11	1096369
			Dilution Factor: 1	MDL.....:		
Total Organic Halogens	ND	200	mg/kg	SW846 9020B	04/01/11	1091108
			Dilution Factor: 1	MDL.....: 15.0		

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C300452
MB Lot-Sample #: A1D060000-363

Work Order #...: MGMNR1AA

Matrix.....: WASTE

Analysis Date...: 04/06/11

Prep Date.....: 04/05/11

Prep Batch #...: 1096363

Dilution Factor: 20

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Benzene	ND	0.50	mg/L	SW846 8260B
2-Butanone (MEK)	ND	5.0	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.50	mg/L	SW846 8260B
Chlorobenzene	ND	0.50	mg/L	SW846 8260B
Chloroform	ND	0.50	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	mg/L	SW846 8260B
1,1-Dichloroethylene	ND	0.50	mg/L	SW846 8260B
Tetrachloroethylene	ND	0.50	mg/L	SW846 8260B
Trichloroethylene	ND	0.50	mg/L	SW846 8260B
Vinyl chloride	ND	0.50	mg/L	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	68	(36 - 132)
1,2-Dichloroethane-d4	81	(55 - 120)
Toluene-d8	81	(29 - 132)
4-Bromofluorobenzene	74	(27 - 136)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Semivolatiles

Client Lot #...: A1C300452
 MB Lot-Sample #: A1D020000-038
 Leach Date.....: 03/31/11
 Leach Batch #...: P109009
 Dilution Factor: 1

Work Order #...: MGHGV1AA
 Prep Date.....: 04/02/11
 Prep Batch #...: 1092038

Matrix.....: WASTE
 Analysis Date...: 04/05/11

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
m-Cresol & p-Cresol	ND	50	mg/L	SW846 8270C
1,4-Dichlorobenzene	ND	5.0	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	25	mg/L	SW846 8270C
Hexachlorobenzene	ND	25	mg/L	SW846 8270C
Hexachlorobutadiene	ND	25	mg/L	SW846 8270C
Hexachloroethane	ND	25	mg/L	SW846 8270C
Nitrobenzene	ND	5.0	mg/L	SW846 8270C
Pentachlorophenol	ND	50	mg/L	SW846 8270C
Pyridine	ND	25	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	25	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	25	mg/L	SW846 8270C
o-Cresol	ND	5.0	mg/L	SW846 8270C
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Nitrobenzene-d5	67		(33 - 123)	
2-Fluorobiphenyl	67		(29 - 114)	
Terphenyl-d14	75		(42 - 124)	
Phenol-d5	72		(10 - 115)	
2-Fluorophenol	71		(10 - 114)	
2,4,6-Tribromophenol	66		(20 - 126)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Semivolatiles

Client Lot #...: A1C300452
 MB Lot-Sample #: A1D050000-047
 Leach Date.....: 04/04/11
 Leach Batch #...: P109407
 Dilution Factor: 1

Work Order #...: MGJP81AA
 Prep Date.....: 04/05/11
 Prep Batch #...: 1095047

Matrix.....: WASTE
 Analysis Date...: 04/06/11

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
o-Cresol	ND	5.0	mg/L	SW846 8270C
m-Cresol & p-Cresol	ND	50	mg/L	SW846 8270C
1,4-Dichlorobenzene	ND	5.0	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	25	mg/L	SW846 8270C
Hexachlorobenzene	ND	25	mg/L	SW846 8270C
Hexachlorobutadiene	ND	25	mg/L	SW846 8270C
Hexachloroethane	ND	25	mg/L	SW846 8270C
Nitrobenzene	ND	5.0	mg/L	SW846 8270C
Pentachlorophenol	ND	50	mg/L	SW846 8270C
Pyridine	ND	25	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	25	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	25	mg/L	SW846 8270C
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Nitrobenzene-d5	89		(33 - 123)	
2-Fluorobiphenyl	83		(29 - 114)	
Terphenyl-d14	96		(42 - 124)	
Phenol-d5	97		(10 - 115)	
2-Fluorophenol	99		(10 - 114)	
2,4,6-Tribromophenol	81		(20 - 126)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A1C300452
MB Lot-Sample #: A1C300000-217

Work Order #...: MGC0P1AA

Matrix.....: WASTE

Analysis Date...: 04/04/11

Prep Date.....: 03/30/11

Prep Batch #...: 1089217

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	1000	ug/kg	SW846 8082
Aroclor 1221	ND	1000	ug/kg	SW846 8082
Aroclor 1232	ND	1000	ug/kg	SW846 8082
Aroclor 1242	ND	1000	ug/kg	SW846 8082
Aroclor 1248	ND	1000	ug/kg	SW846 8082
Aroclor 1254	ND	1000	ug/kg	SW846 8082
Aroclor 1260	ND	1000	ug/kg	SW846 8082

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Tetrachloro-m-xylene	136	(10 - 196)
Decachlorobiphenyl	81	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C300452

Matrix.....: WASTE

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C310000-312 Prep Batch #...: 1091182						
Leach Date.....: 03/31/11 Leach Batch #...: P109009						
Arsenic	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGFAF1AM
		Dilution Factor: 1				
Barium	0.10 B	10.0	mg/L	SW846 6010B	04/01-04/04/11	MGFAF1AN
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	04/01-04/04/11	MGFAF1AP
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGFAF1AQ
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGFAF1AR
		Dilution Factor: 1				
Selenium	ND	0.60	mg/L	SW846 6010B	04/01-04/04/11	MGFAF1AT
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	04/01-04/04/11	MGFAF1AU
		Dilution Factor: 1				
Mercury	ND	0.033	mg/L	SW846 7470A	04/01-04/06/11	MGFAF1AL
		Dilution Factor: 1				

MB Lot-Sample #: A1D040000-306 Prep Batch #...: 1095015						
Leach Date.....: 04/04/11 Leach Batch #...: P109407						
Arsenic	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGJLA1AM
		Dilution Factor: 1				
Barium	0.14 B	10.0	mg/L	SW846 6010B	04/05-04/06/11	MGJLA1AN
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	04/05-04/06/11	MGJLA1AP
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGJLA1AQ
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGJLA1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C300452

Matrix.....: WASTE

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
Selenium	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGJLA1AT
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGJLA1AU
		Dilution Factor: 1				
Mercury	ND	0.033	mg/L	SW846 7470A	04/05-04/06/11	MGJLA1AL
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C300452

Matrix.....: WASTE

		REPORTING				PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD		ANALYSIS DATE	ORDER #
MB Lot-Sample #: A1D010000-182 Prep Batch #...: 1091182							
Arsenic	ND	0.50	mg/L	SW846	6010B	04/01-04/04/11	MGGJ81AC
		Dilution Factor: 1					
Barium	0.081 B	10.0	mg/L	SW846	6010B	04/01-04/04/11	MGGJ81AD
		Dilution Factor: 1					
Cadmium	ND	0.10	mg/L	SW846	6010B	04/01-04/04/11	MGGJ81AE
		Dilution Factor: 1					
Chromium	ND	0.50	mg/L	SW846	6010B	04/01-04/04/11	MGGJ81AF
		Dilution Factor: 1					
Lead	ND	0.50	mg/L	SW846	6010B	04/01-04/04/11	MGGJ81AG
		Dilution Factor: 1					
Selenium	0.41 B	0.60	mg/L	SW846	6010B	04/01-04/04/11	MGGJ81AH
		Dilution Factor: 1					
Silver	ND	0.50	mg/L	SW846	6010B	04/01-04/04/11	MGGJ81AJ
		Dilution Factor: 1					
Mercury	ND	0.033	mg/L	SW846	7470A	04/01-04/06/11	MGGJ81AA
		Dilution Factor: 1					
MB Lot-Sample #: A1D050000-015 Prep Batch #...: 1095015							
Arsenic	ND	0.50	mg/L	SW846	6010B	04/05-04/06/11	MGJNR1AC
		Dilution Factor: 1					
Barium	0.094 B	10.0	mg/L	SW846	6010B	04/05-04/06/11	MGJNR1AD
		Dilution Factor: 1					
Cadmium	ND	0.10	mg/L	SW846	6010B	04/05-04/06/11	MGJNR1AE
		Dilution Factor: 1					
Chromium	ND	0.50	mg/L	SW846	6010B	04/05-04/06/11	MGJNR1AF
		Dilution Factor: 1					
Lead	ND	0.50	mg/L	SW846	6010B	04/05-04/06/11	MGJNR1AG
		Dilution Factor: 1					
Selenium	ND	0.50	mg/L	SW846	6010B	04/05-04/06/11	MGJNR1AH
		Dilution Factor: 1					

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METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A1C300452

Matrix.....: WASTE

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
Silver	ND	0.50	mg/L	SW846 6010B	04/05-04/06/11	MGJNR1AJ
		Dilution Factor: 1				
Mercury	ND	0.033	mg/L	SW846 7470A	04/05-04/06/11	MGJNR1AA
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C300452

Matrix.....: WASTE

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	PREP
		LIMIT	UNITS		ANALYSIS DATE	BATCH #
Acid-soluble sulfide		Work Order #:	MGL9V1AA	MB Lot-Sample #:	A1D060000-133	
	ND	30.0	mg/kg	SW846 9030B/9034	04/06/11	1096133
		Dilution Factor: 1				
Cyanide, Total		Work Order #:	MGMAK1AA	MB Lot-Sample #:	A1D060000-298	
	ND	0.50	mg/kg	SW846 9012A	04/06/11	1096298
		Dilution Factor: 1				
Total Organic Halogens		Work Order #:	MGF5J1AA	MB Lot-Sample #:	A1C310000-287	
	ND	200	mg/kg	SW846 9020B	03/31/11	1090287
		Dilution Factor: 1				
Total Organic Halogens		Work Order #:	MGF5K1AA	MB Lot-Sample #:	A1D010000-108	
	ND	200	mg/kg	SW846 9020B	03/31/11	1091108
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C300452 Work Order #...: MGMNR1AC-LCS Matrix.....: WASTE
 LCS Lot-Sample#: A1D060000-363 MGMNR1AD-LCSD
 Prep Date.....: 04/05/11 Analysis Date...: 04/06/11
 Prep Batch #...: 1096363
 Dilution Factor: 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	112	(72 - 122)			SW846 8260B
	113	(72 - 122)	0.89	(0-20)	SW846 8260B
Chloromethane	86	(21 - 124)			SW846 8260B
	90	(21 - 124)	4.6	(0-30)	SW846 8260B
2-Butanone (MEK)	108	(10 - 199)			SW846 8260B
	110	(10 - 199)	2.0	(0-30)	SW846 8260B
Bromomethane	111	(10 - 172)			SW846 8260B
	108	(10 - 172)	3.0	(0-30)	SW846 8260B
Carbon tetrachloride	72	(39 - 134)			SW846 8260B
	69	(39 - 134)	4.1	(0-30)	SW846 8260B
Chlorobenzene	105	(74 - 121)			SW846 8260B
	108	(74 - 121)	3.1	(0-30)	SW846 8260B
Chloroform	105	(70 - 126)			SW846 8260B
	107	(70 - 126)	2.3	(0-30)	SW846 8260B
Chloroethane	109	(10 - 187)			SW846 8260B
	104	(10 - 187)	4.6	(0-30)	SW846 8260B
1,2-Dichloroethane	118	(72 - 120)			SW846 8260B
	112	(72 - 120)	5.2	(0-30)	SW846 8260B
1,1-Dichloroethylene	106	(44 - 150)			SW846 8260B
	106	(44 - 150)	0.030	(0-30)	SW846 8260B
Methylene chloride	99	(18 - 161)			SW846 8260B
	104	(18 - 161)	5.0	(0-30)	SW846 8260B
Tetrachloroethylene	118	(59 - 145)			SW846 8260B
	108	(59 - 145)	9.4	(0-30)	SW846 8260B
Acetone	70	(17 - 145)			SW846 8260B
	70	(17 - 145)	0.81	(0-30)	SW846 8260B
Trichloroethylene	100	(63 - 131)			SW846 8260B
	101	(63 - 131)	1.3	(0-30)	SW846 8260B
Vinyl chloride	98	(35 - 111)			SW846 8260B
	93	(35 - 111)	6.1	(0-30)	SW846 8260B
Carbon disulfide	87	(24 - 136)			SW846 8260B
	84	(24 - 136)	3.8	(0-30)	SW846 8260B
1,1-Dichloroethane	114	(68 - 125)			SW846 8260B
	108	(68 - 125)	5.6	(0-30)	SW846 8260B
1,2-Dichloroethene	107	(63 - 125)			SW846 8260B
(total)					
	112	(63 - 125)	4.6	(0-30)	SW846 8260B
1,1,1-Trichloroethane	86	(55 - 120)			SW846 8260B
	92	(55 - 120)	7.2	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C300452 Work Order #...: MGMNR1AC-LCS Matrix.....: WASTE
 LCS Lot-Sample#: A1D060000-363 MGMNR1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Bromodichloromethane	74	(52 - 120)			SW846 8260B
	79	(52 - 120)	6.4	(0-30)	SW846 8260B
1,2-Dichloropropane	111	(77 - 113)			SW846 8260B
	111	(77 - 113)	0.040	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	103	(48 - 110)			SW846 8260B
	104	(48 - 110)	0.32	(0-30)	SW846 8260B
Dibromochloromethane	58	(40 - 126)			SW846 8260B
	58	(40 - 126)	1.1	(0-30)	SW846 8260B
1,1,2-Trichloroethane	111	(73 - 116)			SW846 8260B
	106	(73 - 116)	4.2	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	108	(38 - 113)			SW846 8260B
	109	(38 - 113)	0.95	(0-30)	SW846 8260B
Bromoform	70	(10 - 192)			SW846 8260B
	66	(10 - 192)	4.9	(0-30)	SW846 8260B
4-Methyl-2-pentanone	106	(44 - 118)			SW846 8260B
	98	(44 - 118)	8.7	(0-30)	SW846 8260B
2-Hexanone	109	(37 - 122)			SW846 8260B
	109	(37 - 122)	0.58	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	98	(57 - 118)			SW846 8260B
	96	(57 - 118)	1.6	(0-30)	SW846 8260B
Toluene	118	(70 - 124)			SW846 8260B
	117	(70 - 124)	0.73	(0-30)	SW846 8260B
Ethylbenzene	111	(65 - 120)			SW846 8260B
	112	(65 - 120)	0.99	(0-30)	SW846 8260B
Styrene	109	(60 - 132)			SW846 8260B
	113	(60 - 132)	2.8	(0-30)	SW846 8260B
Xylenes (total)	110	(65 - 119)			SW846 8260B
	111	(65 - 119)	0.99	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	109	(64 - 128)			SW846 8260B
	113	(64 - 128)	4.1	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	104	(58 - 127)			SW846 8260B
	110	(58 - 127)	5.2	(0-30)	SW846 8260B
n-Hexane	123	(49 - 137)			SW846 8260B
	118	(49 - 137)	3.8	(0-30)	SW846 8260B
Methyl tert-butyl ether	118	(30 - 158)			SW846 8260B
	110	(30 - 158)	6.9	(0-30)	SW846 8260B
Cyclohexane	145 a	(39 - 113)			SW846 8260B
	127 a	(39 - 113)	13	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro- propane	50	(22 - 123)			SW846 8260B
	46	(22 - 123)	8.6	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C300452 Work Order #...: MGMNR1AC-LCS Matrix.....: WASTE
 LCS Lot-Sample#: A1D060000-363 MGMNR1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	108	(71 - 123)			SW846 8260B
	108	(71 - 123)	0.21	(0-30)	SW846 8260B
1,3-Dichlorobenzene	110	(70 - 122)			SW846 8260B
	111	(70 - 122)	0.93	(0-30)	SW846 8260B
1,4-Dichlorobenzene	107	(69 - 123)			SW846 8260B
	108	(69 - 123)	0.85	(0-30)	SW846 8260B
Dichlorodifluoromethane	116 a	(10 - 115)			SW846 8260B
	116 a	(10 - 115)	0.64	(0-30)	SW846 8260B
Isopropylbenzene	106	(62 - 120)			SW846 8260B
	111	(62 - 120)	4.2	(0-30)	SW846 8260B
1,2,4-Trichloro- benzene	83	(42 - 145)			SW846 8260B
	87	(42 - 145)	3.8	(0-30)	SW846 8260B
Trichlorofluoromethane	133	(23 - 177)			SW846 8260B
	133	(23 - 177)	0.080	(0-30)	SW846 8260B
Trichlorotrifluoroethane	131	(46 - 180)			SW846 8260B
	129	(46 - 180)	1.6	(0-30)	SW846 8260B
Methyl acetate	112	(24 - 166)			SW846 8260B
	105	(24 - 166)	7.0	(0-30)	SW846 8260B
Methylcyclohexane	113	(38 - 148)			SW846 8260B
	109	(38 - 148)	3.8	(0-30)	SW846 8260B
o-Xylene	109	(65 - 120)			SW846 8260B
	112	(65 - 120)	2.5	(0-30)	SW846 8260B
m-Xylene & p-Xylene	110	(64 - 119)			SW846 8260B
	110	(64 - 119)	0.23	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	88	(20 - 123)			SW846 8260B
	91	(20 - 123)	3.9	(0-30)	SW846 8260B
Acetonitrile	112	(10 - 192)			SW846 8260B
	105	(10 - 192)	5.9	(0-30)	SW846 8260B
Acrolein	83	(17 - 188)			SW846 8260B
	86	(17 - 188)	3.8	(0-30)	SW846 8260B
Acrylonitrile	95	(42 - 121)			SW846 8260B
	97	(42 - 121)	1.6	(0-30)	SW846 8260B
Bromobenzene	109	(73 - 125)			SW846 8260B
	114	(73 - 125)	4.6	(0-30)	SW846 8260B
Bromochloromethane	106	(62 - 142)			SW846 8260B
	103	(62 - 142)	2.9	(0-30)	SW846 8260B
n-Butylbenzene	103	(47 - 138)			SW846 8260B
	107	(47 - 138)	3.4	(0-30)	SW846 8260B
sec-Butylbenzene	107	(56 - 131)			SW846 8260B
	112	(56 - 131)	4.6	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C300452 Work Order #...: MGMNR1AC-LCS Matrix.....: WASTE
 LCS Lot-Sample#: A1D060000-363 MGMNR1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
tert-Butylbenzene	101	(59 - 122)			SW846 8260B
	104	(59 - 122)	3.2	(0-30)	SW846 8260B
2-Chlorotoluene	107	(71 - 116)			SW846 8260B
	114	(71 - 116)	6.3	(0-30)	SW846 8260B
4-Chlorotoluene	109	(70 - 120)			SW846 8260B
	111	(70 - 120)	1.7	(0-30)	SW846 8260B
Dibromomethane	103	(74 - 122)			SW846 8260B
	101	(74 - 122)	2.2	(0-30)	SW846 8260B
1,3-Dichloropropane	112	(71 - 121)			SW846 8260B
	110	(71 - 121)	1.4	(0-30)	SW846 8260B
2,2-Dichloropropane	119	(36 - 120)			SW846 8260B
	122 a	(36 - 120)	2.3	(0-30)	SW846 8260B
1,1-Dichloropropene	115	(59 - 135)			SW846 8260B
	111	(59 - 135)	3.6	(0-30)	SW846 8260B
Hexachlorobutadiene	65	(39 - 121)			SW846 8260B
	67	(39 - 121)	2.6	(0-30)	SW846 8260B
Iodomethane	107	(53 - 151)			SW846 8260B
	105	(53 - 151)	1.8	(0-30)	SW846 8260B
p-Isopropyltoluene	110	(57 - 134)			SW846 8260B
	106	(57 - 134)	2.8	(0-30)	SW846 8260B
Naphthalene	81	(10 - 158)			SW846 8260B
	81	(10 - 158)	0.35	(0-30)	SW846 8260B
n-Propylbenzene	117	(65 - 120)			SW846 8260B
	118	(65 - 120)	1.2	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	70	(45 - 110)			SW846 8260B
	67	(45 - 110)	3.3	(0-30)	SW846 8260B
1,2,3-Trichlorobenzene	75	(46 - 134)			SW846 8260B
	73	(46 - 134)	3.0	(0-30)	SW846 8260B
1,2,3-Trichloropropane	107	(71 - 130)			SW846 8260B
	109	(71 - 130)	2.5	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	118	(61 - 131)			SW846 8260B
	122	(61 - 131)	3.8	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	116	(62 - 121)			SW846 8260B
	120	(62 - 121)	3.1	(0-30)	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	131	(46 - 180)			SW846 8260B
	129	(46 - 180)	1.6	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C300452 Work Order #...: MGMNR1AC-LCS Matrix.....: WASTE
 LCS Lot-Sample#: A1D060000-363 MGMNR1AD-LCSD

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Dibromofluoromethane	82	(36 - 132)
	81	(36 - 132)
1,2-Dichloroethane-d4	93	(55 - 120)
	91	(55 - 120)
Toluene-d8	94	(29 - 132)
	94	(29 - 132)
4-Bromofluorobenzene	91	(27 - 136)
	91	(27 - 136)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C300452 Work Order #...: MGHGV1AC Matrix.....: WASTE
 LCS Lot-Sample#: A1D020000-038
 Prep Date.....: 04/02/11 Analysis Date...: 04/05/11
 Prep Batch #...: 1092038
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
o-Cresol	78	(33 - 110)	SW846 8270C
m-Cresol & p-Cresol	74	(31 - 110)	SW846 8270C
1,4-Dichlorobenzene	79	(15 - 122)	SW846 8270C
2,4-Dinitrotoluene	74	(51 - 117)	SW846 8270C
Hexachlorobenzene	76	(47 - 115)	SW846 8270C
Hexachlorobutadiene	72	(14 - 126)	SW846 8270C
Hexachloroethane	75	(10 - 164)	SW846 8270C
Nitrobenzene	76	(37 - 127)	SW846 8270C
Pentachlorophenol	64	(15 - 110)	SW846 8270C
Pyridine	70	(12 - 120)	SW846 8270C
2,4,5-Trichloro-phenol	76	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	74	(41 - 110)	SW846 8270C
Cresols (total)	76	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(33 - 123)
2-Fluorobiphenyl	71	(29 - 114)
Terphenyl-d14	77	(42 - 124)
Phenol-d5	78	(10 - 115)
2-Fluorophenol	81	(10 - 114)
2,4,6-Tribromophenol	74	(20 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C300452 Work Order #...: MGJP81AC Matrix.....: WASTE
 LCS Lot-Sample#: A1D050000-047
 Prep Date.....: 04/05/11 Analysis Date...: 04/06/11
 Prep Batch #...: 1095047
 Dilution Factor: 1

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	<u>METHOD</u>
o-Cresol	96	(33 - 110)	SW846 8270C
m-Cresol & p-Cresol	95	(31 - 110)	SW846 8270C
1,4-Dichlorobenzene	94	(15 - 122)	SW846 8270C
2,4-Dinitrotoluene	90	(51 - 117)	SW846 8270C
Hexachlorobenzene	91	(47 - 115)	SW846 8270C
Hexachlorobutadiene	86	(14 - 126)	SW846 8270C
Hexachloroethane	92	(10 - 164)	SW846 8270C
Nitrobenzene	94	(37 - 127)	SW846 8270C
Pentachlorophenol	53	(15 - 110)	SW846 8270C
Pyridine	83	(12 - 120)	SW846 8270C
2,4,5-Trichloro-phenol	88	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	83	(41 - 110)	SW846 8270C
Cresols (total)	96	(37 - 110)	SW846 8270C

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Nitrobenzene-d5	87	(33 - 123)
2-Fluorobiphenyl	88	(29 - 114)
Terphenyl-d14	98	(42 - 124)
Phenol-d5	96	(10 - 115)
2-Fluorophenol	96	(10 - 114)
2,4,6-Tribromophenol	93	(20 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A1C300452 Work Order #...: MGC0P1AC Matrix.....: WASTE
 LCS Lot-Sample#: A1C300000-217
 Prep Date.....: 03/30/11 Analysis Date..: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	129 a	(34 - 127)	SW846 8082
Aroclor 1260	95	(32 - 141)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	155	(10 - 196)
Decachlorobiphenyl	96	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C300452

Matrix.....: WASTE

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: A1D010000-182 Prep Batch #... : 1091182					
Arsenic	98	(50 - 150)	SW846 6010B	04/01-04/04/11	MGGJ81AL
		Dilution Factor: 1			
Barium	94	(50 - 150)	SW846 6010B	04/01-04/04/11	MGGJ81AM
		Dilution Factor: 1			
Cadmium	105	(50 - 150)	SW846 6010B	04/01-04/04/11	MGGJ81AN
		Dilution Factor: 1			
Chromium	100	(50 - 150)	SW846 6010B	04/01-04/04/11	MGGJ81AP
		Dilution Factor: 1			
Lead	103	(50 - 150)	SW846 6010B	04/01-04/04/11	MGGJ81AQ
		Dilution Factor: 1			
Selenium	100	(50 - 150)	SW846 6010B	04/01-04/04/11	MGGJ81AR
		Dilution Factor: 1			
Silver	93	(50 - 150)	SW846 6010B	04/01-04/04/11	MGGJ81AT
		Dilution Factor: 1			
Mercury	100	(81 - 116)	SW846 7470A	04/01-04/06/11	MGGJ81AK
		Dilution Factor: 1			
LCS Lot-Sample#: A1D050000-015 Prep Batch #... : 1095015					
Arsenic	91	(50 - 150)	SW846 6010B	04/05-04/06/11	MGJNR1AL
		Dilution Factor: 100			
Barium	98	(50 - 150)	SW846 6010B	04/05-04/06/11	MGJNR1AM
		Dilution Factor: 100			
Cadmium	100	(50 - 150)	SW846 6010B	04/05-04/06/11	MGJNR1AN
		Dilution Factor: 100			
Chromium	99	(50 - 150)	SW846 6010B	04/05-04/06/11	MGJNR1AP
		Dilution Factor: 100			
Lead	99	(50 - 150)	SW846 6010B	04/05-04/06/11	MGJNR1AQ
		Dilution Factor: 100			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C300452

Matrix.....: WASTE

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Selenium	93	(50 - 150) Dilution Factor: 100	SW846 6010B	04/05-04/06/11	MGJNR1AR
Silver	92	(50 - 150) Dilution Factor: 100	SW846 6010B	04/05-04/06/11	MGJNR1AT
Mercury	102	(81 - 116) Dilution Factor: 1	SW846 7470A	04/05-04/06/11	MGJNR1AK

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C300452

Matrix.....: WASTE

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Acid-soluble sulfide	87	Work Order #: MGL9V1AC (70 - 130)	LCS Lot-Sample#: A1D060000-133 SW846 9030B/9034	04/06/11	1096133
		Dilution Factor: 1			
Cyanide, Total	105	Work Order #: MGMAK1AC (65 - 124)	LCS Lot-Sample#: A1D060000-298 SW846 9012A	04/06/11	1096298
		Dilution Factor: 1			
Total Organic Halogens	90	Work Order #: MGF5J1AC (52 - 139)	LCS Lot-Sample#: A1C310000-287 SW846 9020B	03/31/11	1090287
		Dilution Factor: 1			
Total Organic Halogens	90	Work Order #: MGF5K1AC (52 - 139)	LCS Lot-Sample#: A1D010000-108 SW846 9020B	03/31/11	1091108
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Lot-Sample #...: A1C300452 Work Order #...: MGCW11CN Matrix.....: LO
 MS Lot-Sample #: A1C300452-001
 Date Sampled...: 03/28/11 12:20 Date Received...: 03/30/11
 Prep Date.....: 04/02/11 Analysis Date...: 04/05/11
 Prep Batch #...: 1092038
 Dilution Factor: 50

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
o-Cresol	0.0	(33 - 115) Qualifiers: DIL,a	SW846 8270C
m-Cresol & p-Cresol	146	(46 - 109) Qualifiers: DIL,a	SW846 8270C
1,4-Dichlorobenzene	0.0	(18 - 110) Qualifiers: DIL,a	SW846 8270C
2,4-Dinitrotoluene	0.0	(31 - 131) Qualifiers: DIL,a	SW846 8270C
Hexachlorobenzene	0.0	(36 - 132) Qualifiers: DIL,a	SW846 8270C
Hexachlorobutadiene	0.0	(18 - 116) Qualifiers: DIL,a	SW846 8270C
Hexachloroethane	0.0	(18 - 110) Qualifiers: DIL,a	SW846 8270C
Nitrobenzene	0.0	(19 - 211) Qualifiers: DIL,a	SW846 8270C
Pentachlorophenol	0.0	(10 - 140) Qualifiers: DIL,a	SW846 8270C
Pyridine	0.0	(10 - 148) Qualifiers: DIL,a	SW846 8270C
2,4,5-Trichloro-phenol	0.0	(24 - 143) Qualifiers: DIL,a	SW846 8270C
2,4,6-Trichloro-phenol	0.0	(36 - 135) Qualifiers: DIL,a	SW846 8270C
Cresols (total)	97 DIL	(22 - 115)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	0.0 DIL,*	(33 - 123)
2-Fluorobiphenyl	0.0 DIL,*	(29 - 114)
Terphenyl-d14	0.0 DIL,*	(42 - 124)
Phenol-d5	0.0 DIL,*	(10 - 115)
2-Fluorophenol	0.0 DIL,*	(10 - 114)
2,4,6-Tribromophenol	0.0 DIL,*	(20 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Lot-Sample #...: A1C300452

Work Order #...: MGCW11CN

Matrix.....: LO

MS Lot-Sample #: A1C300452-001

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Lot-Sample #...: A1C300452 Work Order #...: MGCW11AR Matrix.....: LO
 MS Lot-Sample #: A1C300452-001
 Date Sampled...: 03/28/11 12:20 Date Received...: 03/30/11
 Prep Date.....: 03/30/11 Analysis Date...: 04/04/11
 Prep Batch #...: 1089217
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	100	(10 - 199)	SW846 8082
Aroclor 1260	96	(10 - 199)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	118	(10 - 196)
Decachlorobiphenyl	120	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C300452

Matrix.....: LO

Date Sampled...: 03/28/11 12:20 Date Received...: 03/30/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C300452-001 Prep Batch #... : 1091182							
Leach Date..... : 03/31/11 Leach Batch #... : P109009							
Arsenic	100	(50 - 150)			SW846 6010B	04/01-04/04/11	MGCW11A7
	102	(50 - 150)	2.1	(0-20)	SW846 6010B	04/01-04/04/11	MGCW11A8
Dilution Factor: 5							
Barium	94	(50 - 150)			SW846 6010B	04/01-04/04/11	MGCW11A9
	95	(50 - 150)	1.9	(0-20)	SW846 6010B	04/01-04/04/11	MGCW11CA
Dilution Factor: 5							
Cadmium	104	(50 - 150)			SW846 6010B	04/01-04/04/11	MGCW11CC
	106	(50 - 150)	1.7	(0-20)	SW846 6010B	04/01-04/04/11	MGCW11CD
Dilution Factor: 5							
Chromium	101	(50 - 150)			SW846 6010B	04/01-04/04/11	MGCW11CE
	103	(50 - 150)	1.9	(0-20)	SW846 6010B	04/01-04/04/11	MGCW11CF
Dilution Factor: 5							
Lead	104	(50 - 150)			SW846 6010B	04/01-04/04/11	MGCW11CG
	106	(50 - 150)	1.8	(0-20)	SW846 6010B	04/01-04/04/11	MGCW11CH
Dilution Factor: 5							
Selenium	105	(50 - 150)			SW846 6010B	04/01-04/04/11	MGCW11CJ
	106	(50 - 150)	0.73	(0-20)	SW846 6010B	04/01-04/04/11	MGCW11CK
Dilution Factor: 5							
Silver	97	(50 - 150)			SW846 6010B	04/01-04/04/11	MGCW11CL
	99	(50 - 150)	2.0	(0-20)	SW846 6010B	04/01-04/04/11	MGCW11CM
Dilution Factor: 5							
Mercury	91	(30 - 134)			SW846 7470A	04/01-04/06/11	MGCW11A5
	42 *	(30 - 134)	75	(0-20)	SW846 7470A	04/01-04/06/11	MGCW11A6
Dilution Factor: 1							

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A1C300452

Matrix.....: LO

Date Sampled...: 03/28/11 15:40 Date Received...: 03/30/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C300452-008 Prep Batch #... : 1095015						
Leach Date..... : 04/04/11 Leach Batch #... : P109407						
Arsenic	95	(50 - 150)		SW846 6010B	04/05-04/06/11	MGCXR1A6
	95	(50 - 150)	0.25 (0-20)	SW846 6010B	04/05-04/06/11	MGCXR1A7
Dilution Factor: 5						
Barium	98	(50 - 150)		SW846 6010B	04/05-04/06/11	MGCXR1A8
	97	(50 - 150)	1.3 (0-20)	SW846 6010B	04/05-04/06/11	MGCXR1A9
Dilution Factor: 5						
Cadmium	101	(50 - 150)		SW846 6010B	04/05-04/06/11	MGCXR1CA
	101	(50 - 150)	0.53 (0-20)	SW846 6010B	04/05-04/06/11	MGCXR1CC
Dilution Factor: 5						
Chromium	101	(50 - 150)		SW846 6010B	04/05-04/06/11	MGCXR1CD
	101	(50 - 150)	0.63 (0-20)	SW846 6010B	04/05-04/06/11	MGCXR1CE
Dilution Factor: 5						
Lead	101	(50 - 150)		SW846 6010B	04/05-04/06/11	MGCXR1CF
	101	(50 - 150)	0.07 (0-20)	SW846 6010B	04/05-04/06/11	MGCXR1CG
Dilution Factor: 5						
Selenium	97	(50 - 150)		SW846 6010B	04/05-04/06/11	MGCXR1CH
	98	(50 - 150)	0.53 (0-20)	SW846 6010B	04/05-04/06/11	MGCXR1CJ
Dilution Factor: 5						
Silver	97	(50 - 150)		SW846 6010B	04/05-04/06/11	MGCXR1CK
	97	(50 - 150)	0.47 (0-20)	SW846 6010B	04/05-04/06/11	MGCXR1CL
Dilution Factor: 5						
Mercury	103	(30 - 134)		SW846 7470A	04/05-04/06/11	MGCXR1A4
	101	(30 - 134)	1.9 (0-20)	SW846 7470A	04/05-04/06/11	MGCXR1A5
Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C300452

Matrix.....: WASTE

Date Sampled...: 03/24/11 15:00 Date Received...: 03/26/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
% Moisture.....: 100							
Total Organic Halogens	WO#: MF8WV1CN-MS/MF8WV1CP-MSD MS Lot-Sample #: A1C280419-001						
	83	(75 - 125)			SW846 9020B	03/31/11	1090287
	86	(75 - 125)	3.1	(0-20)	SW846 9020B	03/31/11	1090287
Dilution Factor: 1							

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C300452

Matrix.....: SOLID

Date Sampled...: 03/30/11 13:55 Date Received...: 03/31/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
% Moisture.....: 2.4							
Acid-soluble sulfide			WO#: MF8W81AW-MS/MF8W81AX-MSD		MS Lot-Sample #: A1C280419-006		
71	(10 - 154)				SW846 9030B/9034	04/06/11	1096134
76	(10 - 154)		5.6	(0-20)	SW846 9030B/9034	04/06/11	1096134
Dilution Factor: 1							

% Moisture.....: 2.4							
Cyanide, Total			WO#: MGE3R1CD-MS/MGE3R1CE-MSD		MS Lot-Sample #: A1C310504-005		
107	(50 - 134)				SW846 9012A	04/06/11	1096299
103	(50 - 134)		3.3	(0-20)	SW846 9012A	04/06/11	1096299
Dilution Factor: 1							

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C300452 Work Order #...: MGCW1-SMP Matrix.....: LO
MGCW1-DUP

Date Sampled...: 03/28/11 12:20 Date Received...: 03/30/11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)	9.0	9.5	No Units	5.4	(0-20)	SD Lot-Sample #: A1C300452-001 SW846 9045C	04/06/11	1096329
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C300452

Work Order #...: MGKH0-SMP
MGKH0-DUP

Matrix.....: WASTE

Date Sampled...: 04/04/11 12:30

Date Received...: 04/05/11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH (solid)						SD Lot-Sample #:	A1D050516-005	
	5.5	5.5	No Units	0.0	(0-20)	SW846 9045C	04/06/11	1096329
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C300452

Work Order #...: MF8WV-SMP
MF8WV-DUP

Matrix.....: WASTE

Date Sampled...: 03/24/11 15:00

Date Received...: 03/26/11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Flashpoint	>180	>180	deg F	0.0	(0-20)	SD Lot-Sample #: A1C280419-001 SW846 1010	04/06/11	1096369
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C300452

Work Order #...: MF8W1-SMP
MF8W1-DUP

Matrix.....: WATER

Date Sampled...: 03/24/11 15:50

Date Received...: 03/26/11

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>		<u>RPD</u>	<u>LIMIT</u>		<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Flashpoint						SD Lot-Sample #:	A1C280419-002	
>180		>180	deg F	0.0	(0-20)	SW846 1010	04/06/11	1096369
			Dilution Factor: 1					

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C300452

Work Order #...: MGCXX-SMP
MGCXX-DUP

Matrix.....: LO

Date Sampled...: 03/29/11 10:00

Date Received...: 03/30/11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Flashpoint	>180	>180	deg F	0.0	(0-20)	SD Lot-Sample #: A1C300452-010 SW846 1010	04/06/11	1096369
Dilution Factor: 1								



CHAIN OF CUSTODY LABORATORY
ANALYSIS REQUEST FORM

Contact & Company Name:		Telephone:	
M/C / ARCADIS		R. Boelter - 315 764-2299	
Address: c/o former GM Central Foundry		Fax: Not applicable	
56 Chevrolet Road, Route 37 East			
City	State	Zip	E-mail Address:
Massena, NY	13662		richard.boelter@arcadis-us.com
Project Name/Location (City, State):		Project #:	
Waste characterization (Massena, NY)		B0060081.2011	
Sampler's Printed Name:		Sampler's Signature:	
Robert Conden			

	PCBs 8082	TCLP SVOC 8270c	TCLP VOC 8260B	TCLP Metals 6010B	Total Organic Halides TOX 9020
OIL-WC DRUM 1&2(032811)	3/28/11	12:20	X	X	X
OIL-WC DRUM 3(032811)	3/28/11	13:00	X	X	X
OIL-WC DRUM 4,5,&6(032811)	3/28/11	13:50	X	X	X
OIL-WC DRUM 10(032811)	3/28/11	14:00	X	X	X
OIL-WC DRUM 9(032811)	3/28/11	14:20	X	X	X
OIL-WC DRUM 11,13,14,&15(032811)	3/28/11	14:50	X	X	X
OIL-WC DRUM 16&17(032811)	3/28/11	15:20	X	X	X
OIL-WC DRUM 18(032811)	3/28/11	15:40	X	X	X
OIL-WC DRUM 21(032811)	3/28/11	16:00	X	X	X
OIL-WC DRUM 19(032811)	3/28/11	10:00	X	X	X

Special Instructions/Comments: For TCLP Inorganics run Mercury

☐ Special QA/QC Instructions (✓)

Lab Name: TEST AMERICA	Printed Name: Robert Conden	Signature:	Printed Name:	Signature:	Printed Name:	Signature:
<input checked="" type="checkbox"/> Cooler packed with ice (✓)						
Specify Turnaround Requirements 1 DAY TAT		Firm: ARCADIS				
Shipping Tracking #:		Date/Time: 3-29-11 / 14:00				

Printed Name:	Signature:	Printed Name:	Signature:	Printed Name:	Signature:
John McElroy		ALPILL		3/30/11	0950

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: AIC300452

Client Arcadis Project MLC Massana By: [Signature]
 Cooler Received on 3/30/16 Opened on 3/30/16 (Signature)

FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other ☐
 TestAmerica Cooler # _____ Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other ☐

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
 If YES, Quantity 4 Quantity Unsalvageable _____
 Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
 Were custody seals on the bottle(s)? Yes ☐ No ☒
 If YES, are there any exceptions? _____
 2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
 3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
 4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
 5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____
 6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☒
 METHOD: IR ☒ Other ☐
 COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
 7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
 8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
 9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
 10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
 11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
 12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
 13. Was a trip blank present in the cooler(s)? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
- Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
 Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample
 Receiving to meet recommended pH level(s). Nitric Acid Lot# 100110-HNO₃; Sulfuric Acid Lot# 110410-H₂SO₄; Sodium
 Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-
 (CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

[illegible]

Discrepancies Cont'd:

END OF REPORT



Revitalizing Auto Communities
Environmental Response Trust

April 22, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street
Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the "Site")
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order ("Order"), Index No. CERCLA-02-2010-2027, Motors Liquidation Company ("MLC"), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "M. Brendan Mullen". The signature is written in a cursive, flowing style.

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

Weekly Progress Report – April 22, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027

I. Compliance Activities Completed for the Period
(April 15, 2011 to April 21, 2011)

Site Activities

Brandenburg continued mobilization, pre-demolition, and interior demolition activities, including:

- New worker orientations and Site safety audits continued
- Continued encouraging worker engagement with the Safety Observation program
- The asbestos abatement contractor continued removal activities in the administrative building area and began fitting removals in the manufacturing area
- Clearance samples were received and the barriers were removed at the boiler room ACM abatement area
- Completed energizing the triple-wide office trailer complex and began wiring for communications
- Continued area de-energizing / power isolation in the manufacturing area
- TSCA-regulated equipment consolidation / staging nearly complete
- Continued equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant
- Continued relocation work for electrical Substation #3 in preparation in the Butler building
- Began mill water isolation by capping PIV's along perimeter fire loop
- Initial start up run for pretreatment system was successful based on sample data; collected water was discharged to the facility waste water treatment system
- Continued interior demolition working to the north east area of the facility
- Shipped out scrap metal, C&D, waste oils, and ACM wastes as follows:

Massena Demolition – Waste Shipped Summary					
	Metal Scrap (ton)	TSCA Regulated Waste (ton)	C&D (ton)	Waste Oil (gal)	Asbestos Materials (cy)
As of Week Ending 4/23/11	235	0	84	2,694	240

**Weekly Progress Report – April 22, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

- Continued collection of waste characterization samples of waste oils removed from facility equipment
- Continued third party air monitoring of ACM abatement activities, as needed, including final air clearance samples following completion of the north boiler room
- Conducted CAMP air monitoring, as weather permits, with no exceedances of site action levels
- Continued submittal review

See attached Three-Week Look Ahead Schedule for additional information.

Maintenance Activities

Continued preparing the waste water treatment system, south storm water lagoon, and the facility electrical system for the main facility demolition work.

II. Analytical Data

Data was received for the water sample collected from the water pretreatment system and met criteria for discharge to the facility water treatment system (see attached data report).

III. Site Activities Scheduled for the Upcoming Week

ACM abatement work will continue in the administrative area and on various other identified materials in the manufacturing area.

Brandenburg will continue interior demolition activities as well as TSCA area preparations described above (see attached three week look ahead).

Brandenburg will continue to ship C&D waste and scrap metal, as well as managing and collecting Freon, waste oils, and universal wastes.

IV. Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

Hard copies of waste manifests and bill of lading for this week are on file at the site. Currently unable to generate electronic copies due to limited office facilities. See summary of amounts shipped in Section I.

V. Project Submittals Status

The attached Table 1 summarizes submittals made during the prior reporting periods, submittals responded to, and submittals which continue to be under review.

ATTACHMENTS

1. Table 1 – Project Submittal Status
2. Three-Week Look Ahead Schedule
3. Test America Laboratory Analytical Data Report #A1D190532

**Weekly Progress Report – April 22, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

2 copies (1 hard copy and 1 electronic copy):

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
Attention: Anne Kelly

1 hard copy

U.S. Environmental Protection Agency
2890 Woodbridge Avenue
Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

2 copies (1 hard copy and 1 electronic copy):

New York State Department of Environmental Conservation
317 Washington Street
Watertown, NY 13601-3787
Peter S. Ouderkirk, P.E.

All Reports and Government Correspondence:

James M. Redwine, Esq.
RACER Trust
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

Table 1 - Project Submittal Status
Former Powertrain Plant at Central Foundry Division Superfund Site
Massena, New York
Administrative Order Index No. CERCLA-02-2010-2027

Document Submitted	Date of Submittal to USEPA	Comments Received from USEPA	Approval Received from USEPA
Phase I Pre-Demolition Contractor Submittals	4-Apr-2011		n.a.
Phase I Pre-Demolition Contractor Submittals	29-Mar-2011		n.a.
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	21-Mar-2011		n.a.
Revised Phase I Site Operating Plans	17-Mar-2011		23-Mar-2011
Revised Phase I Site Operating Plans	4-Mar-2011		deferred - see above
Phase I Pre-Demolition Contractor Submittals	2-Mar-2011		n.a.
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	22-Feb-2011		n.a.
Letter Regarding Furnace / Potential Delay	21-Feb-2011		n.a.
Phase I Pre-Demolition Contractor Submittals	18-Feb-2011		n.a.
Disposition Facility and Transport Vendor Submittals	16-Feb-2011		
Phase I Pre-Demolition Contractor Submittals and List of Sub-Contractors	15-Feb-2011		n.a.
Revised Phase I Site Operating Plans	14-Jan-2011		deferred - see above
Request for Extension to Submit Revisions to Revised Phase I Site Operating Plan	4-Jan-2011		4-Jan-2011
Phase II Site Operating Plans	27-Dec-2010		
Additional Information Related to Onsite Vehicles sent via e-mail	3-Nov-2010		n.a.
Phase I Site Operating Plans	26-Oct-2010	23-Dec-2010	deferred - see above
WTC Contractor Selection for Survey Work	14-Oct-2010		n.a.
Phase I Site Operating Plans	29-Sep-2010	6-Oct-2010	deferred - see above
Contractor Use Notification for Perras on Priority 1 Items	27-Sep-2010		n.a.
Pull Ahead Request for Demolition Preparatory Work	27-Sep-2010	12-Oct-2010	
Memorandum of Routine Site Activities	22-Sep-2010		10/19/2010 (partial)
Sampling and Analysis Plan for Painted Surfaces on Stationary Process Equipment	10-Sep-2010		29-Sep-2010
Draft Assessment and Preparation Plan for Reusable Equipment for Sale and Table 1 - Sold Equipment Awaiting Approval to Proceed with Processing and Removal	10-Sep-2010		16-Sep-2010
Contractor Equipment Decontamination Work Plan	7-Sep-2010		16-Sep-2010
Massena Transformer Removal Work Plan	3-Sep-2010		n.a.
Contractor Selection Letter	2-Sep-2010		6-Oct-2010
Intent to Comply Letter	30-Aug-2010		n.a.
Designated Facility Coordinator Letter	27-Aug-2010		16-Sep-2010

n.a. = not applicable; approval not needed

TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A1D190532 **ARCADIS U.S., Inc.** PAGE 1
DEMOLITION IQAT MASSENA NY Date Reported: 4/21/11
Project Number: B0050081.2011 TASK 00221
REPORTING ANALYTICAL
PARAMETER RESULT LIMIT UNITS METHOD

Client Sample ID: BISCO WATER BATCH #1(041811)

Sample #: 001 Date Sampled: 04/18/11 14:00 Date Received: 04/19/11 Matrix: WATER

Inorganic Analysis				Reviewed
N-Hexane Extractable	0.87 B	5.0	mg/L	CFR136A 1664A HEM
Material (1664A)				
Total Suspended Solids	ND	4.0	mg/L	SM18 2540 D

B Estimated result. Result is less than RL.

PROJECT CODE: MA0481

Travel Weekend

Date	4/20/2011		
Period From	4/24/2011	To	5/14/2011
Sheet	1	Of	1

[illegible]

PROJECT CODE: MA0481

Travel Weekend

Date	4/20/2011		
Period From	4/24/2011	To	5/14/2011
Sheet	1	Of	1

[illegible]



Revitalizing Auto Communities
Environmental Response Trust

April 29, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street
Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

RACER SITE 1200 – Massena Demolition Project
Weekly Summary Progress Report
For Week Ending April 29, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 17,256 Total Safe Manhours: 17,256 through 4/23/11.

Total Recordable Injury Frequency Rate (TRIFR): 0.00

§ New worker orientations and Site safety audits continued

§ Continued encouraging worker engagement with the Safety Observation program

§ Near Miss Incident was investigated dealing with ACM Abatement work on the roof and workers in facility below. Lack of clear and ongoing communication was identified as key contributor and Brandenburg resolved with more Optech participation in planning.

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 4/21/11 to 4/27/11								
Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UP1	0	0.5	0.3	25.5 ppm	0.004	0.057	0.033	0.187 mg/m ³ (187 µg/m ³)
SP1	0	0.6	0.3		0.019	0.054	0.026	
SP2	0	0.3	0.2		0.007	0.055	0.023	
SP3	0	0.4	0.2		0.005	0.064	0.028	
WP1	0	0.6	0.5		0.003	0.069	0.03	
WP2	0	0.4	0.1		0.006	0.062	0.03	

Notes:

¹ The action level for VOCs is 25 ppm above background recorded at upwind monitoring station (UP1).

² The action level for particulate dust is 0.150 mg/m³ above background recorded at upwind monitoring station (UP1).

n Water Sample Exceedances No ☒ Yes ☐ If yes, parameter _____ location _____
Pretreatment Water System discharge to Plant WWTP to date: 18,000 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
Total Discharge to Facility Treatment	18,000

Field Activities:

Massena Demolition – Waste Shipped Summary					
As Of	Metal Scrap (ton)	TSCA Regulated Waste (ton)	C&D (ton)	Waste Oil (gal)	Asbestos Materials (cy)
4/27/11	400	0	84	2,694	240

- § Brandenburg continued to prepare and ship scrap metal, C&D waste, ACM, and waste oil.
- § The asbestos abatement contractor continued removal activities in the administrative building and focused efforts on materials located on the roof (i.e., electrical houses and different caulking's, etc.) in preparation of building separation.
- § Continued third party air monitoring of ACM abatement activities.
- § Continued area de-energizing / power isolation in the manufacturing area working in the Non-TSCA areas.
- § Continued equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant.
- § Continued relocation work for electrical Substation #3 in preparation in the Butler building.
- § Completed south storm water lagoon tie-in to 42" mill water line.
- § Continued interior demolition work in the north east area of the facility.
- § Mobilized 13 rail cars to the site and began loading cars w/ metal scrap.
- § Continued repair of existing rail scale.
- § Continued collection of waste characterization samples of waste oils removed from facility equipment.
- § Conducted CAMP air monitoring, as weather permits, with no exceedances of site action levels.
- § Established phone communications and internet hookup to the triple wide trailer. Wireless remote modem is providing service to EPA and Brandenburg trailers also.
- § Continued submittal review.

Project Schedule:

- n Brandenburg working 10 hours a day Tuesday – Friday and 8 hours Saturday the week of 4/25.
- n At this point Brandenburg feels they remain on schedule to have demo complete to bare slab by first week of September but this is in review now by Brandenburg management.

Maintenance Activities:

- § Continued preparations for reestablishing pumping capabilities to the south storm water lagoon.
- § Inspected and cleaned eyewash stations throughout waste water treatment plant.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- § Hard copies of waste manifests and bill of lading for this week are on file at the site. Currently unable to generate electronic copies due to limited office facilities.

Project Submittals Status

- § Water conveyance submittal approved.
- § Submittals in review include additional scrap recycler and a disposal facility for lead acid batteries.

Look Ahead:

- § ACM abatement work will continue in the administrative area and on various other identified materials in manufacturing area.
- § Brandenburg will continue interior demolition activities as well as TSCA area preparations described above (see attached three week look ahead).
- § Brandenburg will continue to ship C&D waste and scrap metal, as well as managing and collecting freon, waste oils, and universal wastes.
- § Brandenburg will begin making a building separation between column lines 33 and 35.



Electric Reroute work 042611



Equipment Assembly 042611



General Interior Demo 042711



**HDPE Pipe Welding for
Lagoon Tie-in 042711**



**Interior Demo - Scrap Loadout
042711**



Lagoon Tie-in 042811

**Weekly Progress Report – April 29, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

2 copies (1 hard copy and 1 electronic copy):

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
Attention: Anne Kelly

1 hard copy

U.S. Environmental Protection Agency
2890 Woodbridge Avenue
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Edison, NJ 08837
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317 Washington Street
Watertown, NY 13601-3787
Peter S. Ouderkirk, P.E.

All Reports and Government Correspondence:

James M. Redwine, Esq.
RACER Trust
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495



**Revitalizing Auto Communities
Environmental Response Trust**

May 6, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
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NYS Department of Environmental Conservation, Region 6
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Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**Weekly Progress Report – May 6, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

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Birmingham, MI 48009

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ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

RACER SITE 1200 – Massena Demolition Project
Weekly Summary Progress Report
For Week Ending May 06, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 20,644 Total Safe Manhours: 20,644 through 05/01/11.

Total Recordable Injury Frequency Rate (TRIFR): 0.00

§ New worker orientations and Site safety audits continued

§ Continued encouraging worker engagement with the Safety Observation program

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 4/29/11 to 05/04/11

Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UP1	0	0.8	0.2	25.5 ppm	0.002	0.0026	0.017	0.187 mg/m ³ (187 µg/m ³)
SP1	0	0.3	0.1		0.004	0.048	0.019	
SP2	0	0.4	0.3		0.002	0.017	0.017	
SP3	0	0.4	0.3		0.002	0.046	0.021	
WP1	0	1.5	0.2		0.003	0.148	0.03	
WP2	0	1.6	0.1		0.002	0.087	0.039	

Notes:

¹ The action level for VOCs is 25 ppm above background recorded at upwind monitoring station (UP1).

² The action level for particulate dust is 0.150 mg/m³ above background recorded at upwind monitoring station (UP1).

- n Water Sample Exceedances No ☐ Yes ☒ If yes, parameter TSS location Batch Frac Tank
- n Response action - System operation identified additional sand needed in sand filters. Sand added and batched water re-treated.

Pretreatment Water System discharge to Plant WWTP to date: 18,000 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
Total Discharge to Facility Treatment	18,000

Field Activities:

§ Brandenburg continued to prepare and ship scrap metal, C&D waste, ACM, and waste oil.

Massena Demolition – Waste Shipped Summary					
As Of	Metal Scrap (long ton)	TSCA Regulated Waste (short ton)	C&D (short ton)	Waste Oil (gal)	Asbestos Materials (cy)
05/06/11	1,108	0	433	2,694	320

- § The asbestos abatement contractor continued removal activities in the administrative building, as well as supported demo activities due during acm roofing removal.
- § Continued third party air monitoring of ACM abatement activities.
- § Continued equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant
- § Continued interior demo in the southern Non TSCA area
- § Continued relocation work for electrical Substation #3 in the Butler building
- § 95% complete with mill water line interruption and capping in order to isolate flow through the facility.
- § Began facility demolition on the south side bay 33 to 35 and around track 9 in preparation of railside processing area.
- § Shipped out first 12 rail cars with clean scrap.
- § Performed initial tunnel inspection in advance of tunnel preparation for water conveyance.
- § Continued collection of waste characterization samples of waste oils removed from facility equipment
- § Continued improving Project Management office setup.
- § Continued submittal review

Project Schedule:

- n Brandenburg working 10 hours a day Monday through Thursday, and 8 on Friday 05/06/11.
- n Brandenburg feels they remain on schedule to have demo complete to bare slab by first week of September but this is in review now by Brandenburg management.

Maintenance Activities:

- § Continued preparations for reestablishing pumping capabilities to the south storm water lagoon.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- § Hard copies of waste manifests and bill of lading for this week are on file at the site

Project Submittals Status

- § Submittals in review include additional scrap recycler and a disposal facility for lead acid batteries.

Look ahead:

- § ACM abatement work will continue in the administrative area and on various other identified materials in manufacturing area. ACM roofing will also continue.
- § Brandenburg will continue interior demolition activities as well as TSCA area preparations described above (see attached three week look ahead).
- § Brandenburg will continue to ship C&D waste and scrap metal, as well as managing and collecting freon, waste oils, and universal wastes.
- § Brandenburg will complete making a building separation between column lines 33 and 35, and preparation of the track side processing area.



Tire protection on a lift in
TSCA Area



Beginning of exterior demo
05/02/11



General Exterior Demo 05/02/11



General Demo near track 9
05/04/11



Small Die Cast Tunnel prior to
cleaning 05/04/2011



Cable Tower anchor
installation 05/05/2011



**Revitalizing Auto Communities
Environmental Response Trust**

May 13, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street
Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**Weekly Progress Report – May 13, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

2 copies (1 hard copy and 1 electronic copy):

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U.S. Environmental Protection Agency, Region II
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401 South Old Woodward Avenue, Suite 370
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Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

RACER SITE 1200 – Massena Demolition Project
Weekly Summary Progress Report
For Week Ending May 13, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 23,696 Total Safe Manhours: 23,696 through 05/08/11.

Total Recordable Injury Frequency Rate (TRIFR): 0.00

- New worker orientations and Site safety audits continued
- Based on increasing dust levels respirators now mandatory within the main facility.

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 4/29/11 to 05/04/11

Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UP1	0.0	0.4	0.2	25.5 ppm	0.003	0.019	0.015	0.187 mg/m ³ (187 µg/m ³)
SP1	0.0	0.4	0.3		0.001	0.026	0.014	
SP2	0.0	0.4	0.4		0.002	0.062	0.016	
SP3	0.0	0.4	0.4		0.002	0.023	0.016	
WP1	0.0	0.6	0.4		0.003	0.102 ¹	0.011	
WP2	0.0	2.0	0.4		0.002	0.431 ²	0.019	

Notes:

¹ Instantaneous reading occurring May 11, 2009 at work perimeter monitoring station 1 during demolition activities and truck traffic. Additional dust suppression measures employed. Particulate dust concentration during next logging interval was 0.020 mg/m³.

² Instantaneous measurement occurring May 9, 2009 at work perimeter monitoring station 2 during truck loading operations. Operations halted, evaluated and additional dust suppression measures Particulate dust concentration during next logging interval was 0.003 mg/m³.

- Water Sample Exceedances No ☒ Yes ☐ If yes, parameter '___' location
- Response action - System operation identified additional sand needed in sand filters. Sand added and batched water re-treated.

Pretreatment Water System discharge to Plant WWTP to date: 9,800 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
05/11/2011	9,800
Total Discharge to Facility Treatment	27,800

Massena Demolition - Waste Shipped Summary						
As Of	Metal Scrap (by Rail Car)	Metal Scrap By Truck	TSCA Regulated Waste (short ton)	C&D (short ton)	Waste Oil (gal)	Asbestos Materials (cy)
05/13/11	12 Rail cars to	TBD	0	514	2,694	320

Field Activities:

- Brandenburg continued to prepare and ship scrap metal, C&D waste, ACM, and waste oil.
- The asbestos abatement contractor continued removal activities in the administrative building, as well as supported demo activities during ACM roofing removal, and removal activities in the manufacturing area.
- Continued third party air monitoring of ACM abatement activities.
- Continued equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant
- Continued interior demo in the southern Non TSCA area
- Continued relocation work for electrical Substation #3 in the Butler building
- 95% complete with mill water line interruption and capping in order to isolate flow through the facility. One section of line remaining on the NW corner of the facility.
- Continued facility demolition in the south east corner of the facility.
- Continued C&D load out from door 25.

- Spent 2 days focusing on housekeeping and metal segregation and preparation .
- Began tunnel preparation for water conveyance. Developed entry protocols and initiated cleaning activities.
- Removed roof transformers by crane for later disposition.
- Began installation of cable trays for utility reroute to the Butler building.
- Continued collection of waste characterization samples of waste oils removed from facility equipment.
- Continued submittal review.
- Site visited by St Lawrence County Disposal representative requesting clarity on C&D disposal and PCB impacts as it relates to County flow control. Issue being addressed by management team.

Project Schedule:

- Brandenburg working 10 hours a day Monday through Thursday. Travel weekend off Friday 05/13 – Monday 05/16.
- Brandenburg feels they remain on schedule to have demo complete to bare slab by first week of September.

Maintenance Activities:

- Continued preparations for re-establishing pumping capabilities to the south storm water lagoon.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- Hard copies of waste manifests and bill of lading for this week are on file at the site

Project Submittals Status

- Submittals – nothing outstanding, none pending at this time.

Look Ahead:

- ACM abatement work will continue in the administrative area and on various other identified materials in manufacturing area. ACM roofing will also continue.
- Brandenburg will continue interior demolition activities as well as TSCA area preparations described above (see attached three week look ahead).
- Brandenburg will continue to ship C&D waste and scrap metal, as well as managing and collecting freon, waste oils, and universal wastes.
- Brandenburg will continue demolition activities.
- Continuation of tunnel preparations for water conveyance, mill water capping at NW corner of facility, and electrical reroute to Butler building.

Progress Photos Week Ending 05/13/11



Rail Side Load Out Area



Cable Tray Installation

Progress Photos Week Ending 05/13/11



Scarp Load Out By Truck



General Demolition View

Progress Photos Week Ending 05/13/11



General Demolition View



General Demolition View

Progress Photos Week Ending 05/13/11



Rail Car Load Out Area



Roof Top Transformer Removal



**Revitalizing Auto Communities
Environmental Response Trust**

May 21, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
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Massena, New York, St. Lawrence County

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Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**Weekly Progress Report – May 21, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

E-mail Notification

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
Attention: Anne Kelly

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RACER Trust
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

RACER SITE 1200 – Massena Demolition Project
Weekly Summary Progress Report
For Week Ending May 21, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 26,225 Total Safe Manhours: 26,225 through 05/15/11.

Total Recordable Injury Frequency Rate (TRIFR): 0.00

- Site safety audits continued
- Field crew continues submitting safety observation reports
- Interior dust levels being closely monitored within the main facility. Many workers have donned respiratory protection in spite of dust levels below action levels.

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 5/16/11 to 05/21/11

Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UW1	0.0	0.1	0	25 ppm	0.013	0.038	0.018	0.150 mg/m ³ (150 µg/m ³)
SP1	0.0	0.4	0.4		0.011	0.018	0.016	
SP2	0.1	0.6	0.3		0.012	0.019	0.014	
SP3	0.2	0.4	0.3		0.011	0.017	0.014	
WP1	0.0	0.0	0.0		0.013	0.018	0.015	
WP2	0.0	0.0	0.0		0.013	0.023	0.017	

Notes:

Rainfall prohibited air data collection.

Summary;

May 2011 rainfall total: 4.3"

May 12-18, 2011 rainfall total: 2.94"

- Water Sample Exceedances No ☒ Yes ☐ If yes, parameter ' ____ location

Pretreatment Water System discharge to Plant WWTP to date: 19,850 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
05/11/2011	9,800
05/20/2011	19,850
Total Discharge to Facility Treatment	47,650

Field Activities:

- Brandenburg continued to prepare and ship scrap metal, C&D waste, ACM, and waste oil.

Massena Demolition - Waste Shipped Summary						
As Of	Metal Scrap (by Rail Car & Truck)	Copper Scrap (ton)	TSCA Regulated Waste (short ton)	C&D (short ton)	Waste Oil (gal)	Asbestos Materials (cy)
05/20/11	1,866	37	0	795	2,694	320

- The asbestos abatement contractor continued removal activities in the administrative building, as well as supported demo activities during acm roofing removal, and removal activities in the manufacturing area.
- Continued third party air monitoring of ACM abatement activities.
- Continued equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant
- Continued interior demo in the southern Non TSCA area
- Continued relocation work for electrical Substation #3 in the Butler building
- 95% complete with mill water line interruption and capping in order to isolate flow through the facility. One section of line remaining on the NW corner of the facility.
- Continued facility demolition in the south east corner of the facility total of 87,500 sf is complete as of 5/20/11.
- Continued C&D load out.
- Continued site housekeeping.
- Began tunnel preparation for water conveyance. Developed entry protocols and initiated cleaning activities.
- Removed roof transformers by crane for later disposition.

- Began installation of cable trays for utility reroute to the Butler building.
- Continued collection of waste characterization samples of waste oils removed from facility equipment
- Continued submittal review
- Site visited by St Lawrence County Disposal representative requesting clarity on C&D disposal and PCB impacts as it relates to County flow control. Issue being addressed by management team.

Project Schedule:

- Brandenburg working 10 hours a day Monday through Thursday. Travel weekend off Friday 05/13 – Monday 05/16.
- Brandenburg feels they remain on schedule to have demo complete to bare slab by first week of September.

Maintenance Activities:

- Continued preparations for reestablishing pumping capabilities to the south storm water lagoon.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- Hard copies of waste manifests and bill of lading for this week are on file at the site

Project Submittals Status

- Submittals – nothing outstanding, none pending at this time.

Look ahead:

- ACM abatement work will continue in the administrative area and on various other identified materials in manufacturing area. ACM roofing will also continue.
- Brandenburg will continue interior demolition activities as well as TSCA area preparations described above (see attached three week look ahead).
- Brandenburg will continue to ship C&D waste and scrap metal, as well as managing and collecting freon, waste oils, and universal wastes.
- Brandenburg will continue demolition activities.
- Continuation of tunnel preparations for water conveyance, mill water capping at NW corner of facility, and electrical reroute to Butler building.

Distribution:

Anne Kelly
Andrew Confortini
Peter Ouderkirk
M. Brendan Mullen
Bobby Dease

Raymond Kapp
Jim Palmieri
Jason Ganun
Dave Grant
Dan Harkay

Dan Casey
Dan Kemp
Margaret Carrillo-Sheridan
Richard Boelter



Roof Transformers staged



General Demo Non TSCA AREA East Side



General Demo Non TSCA East Side



Electrical Utility Reroute Work



General Exterior Demo looking at track 9 area



South Stormwater Lagoon temporary pump arrangement



**Revitalizing Auto Communities
Environmental Response Trust**

May 27, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street
Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**Weekly Progress Report – May 27, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

E-mail Notification

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
Attention: Anne Kelly

E-mail Notification

U.S. Environmental Protection Agency
2890 Woodbridge Avenue
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Attn: Andrew Confortini

2 copies (1 hard copy and 1 electronic copy):

New York State Department of Environmental Conservation
317 Washington Street
Watertown, NY 13601-3787
Peter S. Ouderkirk, P.E.

All Reports and Government Correspondence:

James M. Redwine, Esq.
RACER Trust
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

RACER SITE 1200 - Massena Demolition Project
Weekly Summary Progress Report
For Week Ending May 27, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 28,898 Total Safe Manhours: 28,898 through 05/22/11.

Total Recordable Injury Frequency Rate (TRIFR): 0.00

- Site safety audits continued
- Field crew continues submitting safety observation reports
- Interior dust levels being closely monitored within the main facility. Many workers have donned respiratory protection in spite of dust levels below action levels.

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 05/19/11 to 05/25/11

Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UW1	0.0	0.1	0.1	25 ppm	0.008	0.059	0.038	0.150 mg/m ³ (150 µg/m ³)
SP1	0.0	0.7	0.6		0.005	0.061	0.034	
SP2	0.2	0.7	0.5		0.003	0.053	0.031	
SP3	0.0	10.5	0.4		0.006	0.061	0.034	
WP1	0.0	0.4	0.2		0.007	0.063	0.037	
WP2	0.0	1.0	0.5		0.007	0.069	0.040	

Notes:

Rainfall prohibited air data collection.

Summary;

May 2011 rainfall total: 4.3"

May 12-18, 2011 rainfall total: 2.94"

- Water Sample Exceedances No ☒ Yes ☐ If yes, parameter ' ____ location

Pretreatment Water System discharge to Plant WWTP to date: 19,850 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
05/11/2011	9,800
05/20/2011	19,850
Total Discharge to Facility Treatment	47,650

Field Activities:

- Brandenburg continued to prepare and ship scrap metal, C&D waste, ACM, and waste oil.

Massena Demolition - Waste Shipped Summary						
As Of	Metal Scrap (by Rail Car & Truck)	Copper Scrap (ton)	TSCA Regulated Waste (short ton)	C&D (short ton)	Waste Oil (gal)	Asbestos Materials (cy)
05/20/11	2,076	53	0	1,273	2,694	400

- The asbestos abatement contractor continued removal activities in the administrative building focusing on window removal, as well as supported demo activities during acm roofing removal.
- Performed clearance monitoring in the administrative building section.
- Continued equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant
- Continued interior demo in the P-Line Non TSCA area
- Completed electrical relocation work for Substation #3 in the Butler building. Change over 95% complete.
- 95% complete with mill water line interruption and capping in order to isolate flow through the facility. One section of line remaining on the NW corner of the facility.
- Continued facility demolition in the south east corner of the facility working northward to column line D. A total of 125,000 sf is complete as of 5/26/11.
- Continued C&D load out.
- Continued site housekeeping.
- Completed SDC tunnel system patching and concrete repairs in preparation for water conveyance.
- Completed cable try installation for substation 3 electrical reroute.

- Continued collection of waste characterization samples of waste oils removed from facility equipment. Collected paint chip and wipe samples from Non TSCA area roof top transformers.
- Continued submittal review
- Site visited by RACER Trust Management Team

Project Schedule:

- Brandenburg working 10 hours a day Monday through Thursday, 8 hours Friday.
- All personnel off site Monday 5/31 for Memorial Day.
- Brandenburg feels they remain on schedule to have demo complete to bare slab by first week of September.

Maintenance Activities:

- Continued preparations for reestablishing pumping capabilities to the south storm water lagoon.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- Hard copies of waste manifests and bill of lading for this week are on file at the site

Project Submittals Status

- Response required to St Lawrence County Solid Waste Disposal department regarding flow control and C&D disposal.

Look ahead:

- ACM abatement work will be completed the week of 5/20/11, excluding acm roofing.
- Brandenburg will continue interior demolition activities in the TSCA area .
- Brandenburg will continue to ship C&D waste and scrap metal, as well as managing and collecting freon, waste oils, and universal wastes.
- Brandenburg will continue demolition activities.
- Continuation of tunnel preparations for water conveyance, mill water capping at NW corner of facility, and electrical reroute to Butler building.

Distribution:

Anne Kelly
 Andrew Confortini
 Peter Ouderkirk
 M. Brendan Mullen
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 Margaret Carrillo-Sheridan
 Richard Boelter



Demo of exterior walls at R37



P-line Non TSCA area Interior demo complete



Typical shear attachment



Substation 3 installation in
Butler Bldg



Small Die Cast Tunnel following patch work for water conveyance



Castline 5 Demo work in TSCA Area



**Revitalizing Auto Communities
Environmental Response Trust**

June 03, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street
Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**Weekly Progress Report – June 10, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

E-mail Notification

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
Attention: Anne Kelly

E-mail Notification

U.S. Environmental Protection Agency
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Attn: Andrew Confortini

2 copies (1 hard copy and 1 electronic copy):

New York State Department of Environmental Conservation
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Peter S. Ouderkirk, P.E.

All Reports and Government Correspondence:

James M. Redwine, Esq.
RACER Trust
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

RACER SITE 1200 – Massena Demolition Project
Weekly Summary Progress Report
For Week Ending June 03, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 31,396 Total Safe Manhours: 31,396 through 05/29/11.

Total Recordable Injury Frequency Rate (TRIFR): 0.00

- Site safety audits continued
- Field crew continues submitting safety observation reports
- Response to small off site grass fire identified by incoming trucker was timely and organized.

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 05/26/11 to 06/01/11

Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UW1	0.0	0	0.0	25 ppm	0.007	0.031	0.024	0.150 mg/m ³
SP1	0.0	0.7	0.6		0.011	0.101	0.037	
SP2	0.1	0.5	0.5		0.000	0.094	0.039	
SP3	0.0	1.1	0.5		0.014	0.085	0.049	
WP1	0.0	0.8	0.3		0.000	0.102	0.039	
WP2	0.0	0.9	0.5		0.000	0.127	0.059	

Notes;

1 – Action level is background (UW1 location) + 25 ppm

2 – Action level is background (UW1 location) + 0.150 mg/m³

- Water Sample Exceedances No ☒ Yes ☐ If yes, parameter '___' location

Pretreatment Water System discharge to Plant WWTP to date: 57,650 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
05/11/2011	9,800
05/20/2011	19,850
06/02/2011	10,000
Total Discharge to Facility Treatment	57,650

Field Activities:

- Brandenburg continued to prepare and ship scrap metal, C&D waste, ACM, and waste oil.

Massena Demolition - Waste Shipped Summary						
As Of	Metal Scrap (by Rail Car & Truck)	Copper Scrap (ton)	TSCA Regulated Waste (short ton)	C&D (short ton)	Waste Oil (gal)	Asbestos Materials (cy)
06/02/11	2,950	53	0	1,350	2,694	400

- Coordination of railcar and trucking continues to be a limiting factor in getting material shipped off site.
- The asbestos abatement contractor continued removal activities in the administrative building focusing on window removal, as well as supported demo activities during ACM roofing removal.
- Continued equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant
- Continued interior demo in the P-Line Non TSCA area.
- Completed electrical relocation work for Substation #3 in the Butler building. Change over 95% complete.
- 95% complete with mill water line interruption and capping in order to isolate flow through the facility. One section of line remaining on the NW corner of the facility.
- Continued facility demolition in the southeast corner of the facility working northward to column line D. A total of 132,500 sf is complete as of 6/02/11.
- Continued C&D load out.
- Continued site housekeeping.

- Identified backed up water in the oily waste system which is flooding LDC tunnel system. Brandenburg addressed by pumping water to the SDC tunnel system for temporary storage to get run through pre-treatment.
- Continued collection of waste characterization samples of waste oils removed from facility equipment. Collected 7 waste oil samples from staged drums in TSCA area.
- Discharged 10,000 gal pretreated water to plant system based on passing data.
- Installed pump at south stormwater lagoon. Energizing to be complete next week.
- Continued submittal review.

Project Schedule:

- Brandenburg working 10 hours a day Monday through Thursday. Current plan for travel weekend next week. , off Friday through Monday .
- Brandenburg feels they remain on schedule to have demo complete to bare slab by first week of September.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- Hard copies of waste manifests and bill of lading for this week are on file at the site.

Project Submittals Status

- EPA completed compliance review of American Lamp with no identified issues. Universal waste is cleared for shipment to American Lamp.

Look ahead:

- Brandenburg will continue interior demolition activities in the TSCA area .
- Brandenburg will continue to ship C&D waste and scrap metal, as well as managing and collecting freon, waste oils, and universal wastes.
- Brandenburg will continue demolition activities in both TSCA and Non TSCA areas.
- Mill water capping at NW corner of facility.

Distribution:

Anne Kelly
Andrew Confortini
Peter Ouderkirk
M. Brendan Mullen
Bobby Dease

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Jason Ganun
Dave Grant
Dan Harkay

Dan Casey
Dino Zack
Margaret Carrillo-Sheridan
Richard Boelter



Magnet Loading Rail Car



ACM Window Material Removal



Tire wraps on equipment in TSAC Area



Torch Cutting operation



Roof Transformer Removal



Interior Demo looking west from col D31 in TSCA Area



General Demo Track 9 exterior walls



General Demo Track 9 exterior walls



**Revitalizing Auto Communities
Environmental Response Trust**

June 10, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street
Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**Weekly Progress Report – June 10, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

E-mail Notification

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
Attention: Anne Kelly

E-mail Notification

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RACER Trust
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

RACER SITE 1200 – Massena Demolition Project
Weekly Summary Progress Report
For Week Ending June 10, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 33,502 Total Safe Manhours: 33,502 through 06/05/11.
 Total Recordable Injury Frequency Rate (TRIFR): 0.00

- Site safety audits continued
- Field crew continues submitting safety observation reports
- TSCA torch cutting data just in and being reviewed

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 06/02/11 to 06/08/11

Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UW1	0.0	0.1	0.0	25 ppm	0.002	0.107	0.074	0.150 mg/m ³
SP1	0.0	0.7	0.6		0.003	0.095	0.08	
SP2	0.0	0.4	0.3		0.001	0.084	0.043	
SP3	0.0	0.9	0.6		0.004	0.115	0.086	
WP1	0.0	0.8	0.5		0.004	0.132	0.086	
WP2	0.0	1.5	0.5		0.002	3.11	0.098	

Notes;

1 – Action level is background (UW1 location) + 25 ppm

2 – Action level is background (UW1 location) + 0.150 mg/m³

- Water Sample Exceedances No ☐ Yes ☒ If yes, parameter ' TSS ' location
- 20,000 gallons of stored water returned to the oily waste system in order to be retreated.

Pretreatment Water System discharge to Plant WWTP to date: 57,650 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
05/11/2011	9,800
05/20/2011	19,850
06/02/2011	10,000
Total Discharge to Facility Treatment	57,650

Field Activities:

- Brandenburg continued to prepare and ship scrap metal, C&D waste, ACM, and waste oil.

Massena Demolition – Waste Shipped Summary						
As Of	Metal Scrap (by Rail Car & Truck)	Copper Scrap (ton)	TSCA Regulated Waste (short ton)	C&D (short ton)	Waste Oil (gal)	Asbestos Materials (cy)
June 6, 2011	3,167	68	0	1,862	2,694	440

- Coordination of rail car and trucking continues to be a limiting factor in getting material shipped off site.
- The only ACM management task remaining is related to the roofing materials which will continue for several more weeks.
- Continued equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant.
- Continued interior demo in the TSCA area.
- Brandenburg is segregating unpainted steel within the TSAC area and ARCADIS is developing the confirmation wipe sample approach to the material.
- 187,500 square feet of facility has been demolished.
- 95% complete with mill water line interruption and capping in order to isolate flow through the facility. One section of line remaining on the NW corner of the facility.
- Continued C&D load out.
- Continued site housekeeping.
- Brandenburg continues to have water treatment issues and is currently reviewing equipment setup and operation. Large volume of water being stored in SDC system from the non TSCA wash down operation.
- Arcadis began collection of wipe samples from unpainted steel in the TSCA area following washing of the materials.

- Continuing work on the pump at the 005 lagoon system.
- Continued submittal review.

Project Schedule:

- Brandenburg working 10 hours a day Monday through Thursday. Current plan for travel weekend is adjusted to account for scrap prep only on Friday and next Monday.
- Brandenburg feels they remain on schedule to have demo complete to bare slab by first week of September.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- Hard copies of waste manifests and bill of lading for this week are on file at the site

Project Submittals Status

- TSI and Heritage submittals are currently being reviewed.

Look ahead:

- Brandenburg will continue interior demolition activities in the TSCA area .
- Brandenburg will continue to ship C&D waste and scrap metal, as well as managing and collecting freon, waste oils, and universal wastes.
- Brandenburg will continue demolition activities in both TSCA and Non TSCA area.
- Mill water capping at NW corner of facility to be completed.

Distribution:

Anne Kelly
Andrew Confortini
Peter Ouderkirk
M. Brendan Mullen
Bobby Dease

Raymond Kapp
Dan Kemp
Jason Ganun
Dave Grant
Dan Harkay

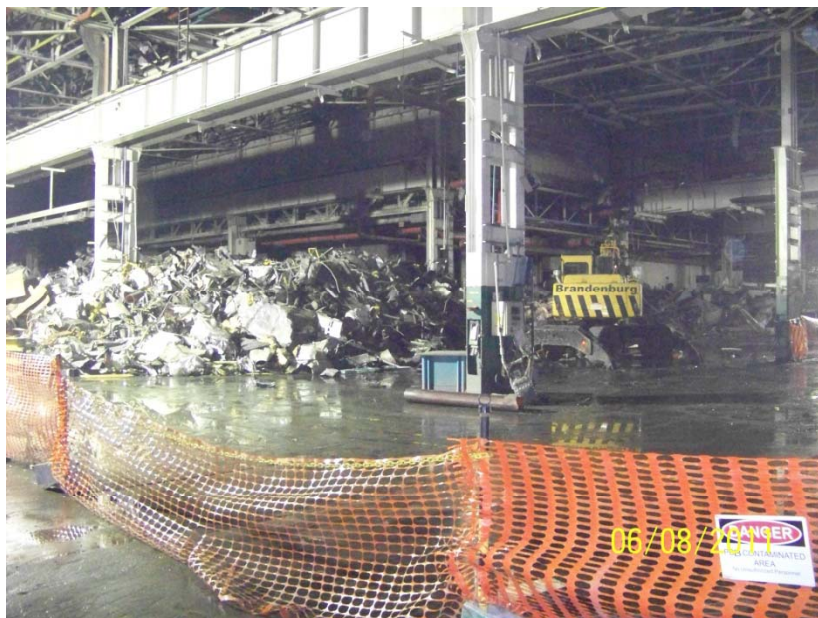
Dan Casey
Dino Zack
Margaret Carrillo-Sheridan
Richard Boelter



Demo dust control measures



Scrap stockpiles



TSCA Area scrap preparations



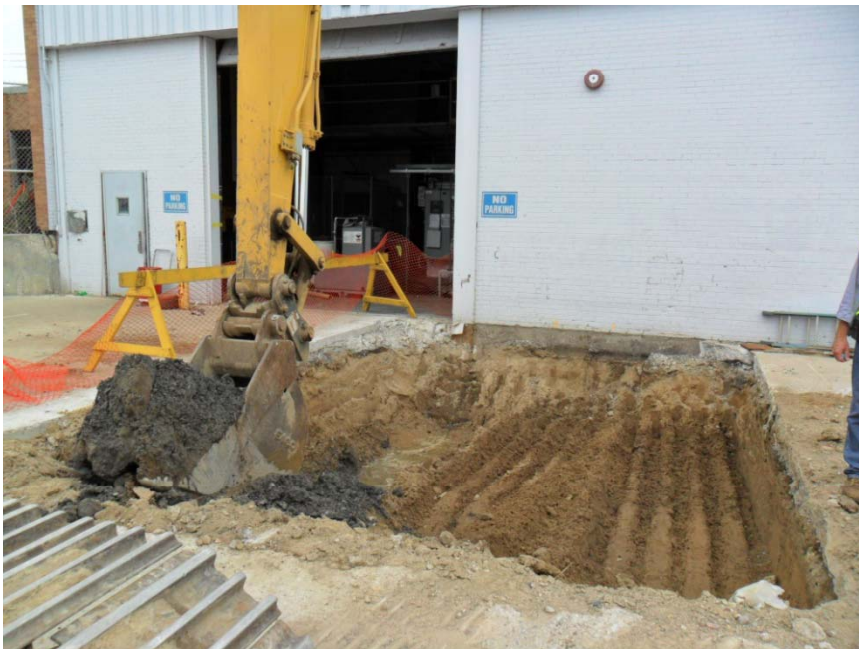
TSCA Area interior demo



Unpainted Steel in TSCA Area- Sample Tracking



Example of unpainted steel in TSCA Area



Fire Protection Line Capping - Petroleum Impacted Soil



Petroleum impact occurs 40" below grade

RACER SITE 1200 – Massena Demolition Project
Weekly Summary Progress Report
For Week Ending June 24, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 37,380 Total Safe Manhours: 37,380 through 06/19/11.

Total Recordable Injury Frequency Rate (TRIFR): 0.00

- Site safety audits continued
- Field crew continues submitting safety observation reports

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 06/16/11 to 06/22/11

Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UW1	0.0	0	0.0	25 ppm	0.003	0.077	0.07	0.150 mg/m ³
SP1	0.0	0.6	0.5		0.003	0.096	0.078	
SP2	0.0	0.3	0.3		0.000	0.122	0.076	
SP3	0.0	0.9	0.6		0.003	0.219	0.065	
WP1	0.0	0.6	0.5		0.002	0.160	0.079	
WP2	0.0	0.5	0.5		0.003	0.342	0.132	

Notes;

1 – Action level is background (UW1 location) + 25 ppm

2 – Action level is background (UW1 location) + 0.150 mg/m³

- Water Sample Exceedances No ☐ Yes ☒ If yes, parameter ' TSS ' location – ongoing system adjustments being implemented.
20,000 gallons of stored water returned to the oily waste system in order to be retreated.
Pretreatment Water System discharge to Plant WWTP to date: 57,650 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
05/11/2011	9,800
05/20/2011	19,850
06/02/2011	10,000
Total Discharge to Facility Treatment	57,650

Field Activities:

- Brandenburg continued to prepare and ship scrap metal, C&D waste, ACM, and waste oil.

Massena Demolition - Waste Shipped Summary						
As Of	Metal Scrap (by Rail Car & Truck)	Copper Scrap (ton)	TSCA Regulated Waste (short ton)	C&D (short ton)	Waste Oil (gal)	Asbestos Materials (cy)
June 6, 2011	5,150	68	0	2,777	2,694	440

- 15 rail cars arrived, 9 cars are loaded with clean scrap and pulled from the site. Coordination of rail car and trucking continues to be a limiting factor in getting material shipped off site.
- The only ACM management task remaining is related to the roofing materials which will continue for several more weeks, continued necessary air monitoring.
- Continued equipment draining and preparation and universal waste removal activities within the TSCA area of the main plant.
- Continued interior demo and unpainted metal segregation in the TSCA area.
- ARCADIS continues to assess unpainted steel and wipe sample in the TSCA Area.
- 235,000 square feet of facility has been demolished.
- Utility line capping is needed at 2 locations. Previous capping excavation locations were monitored for leakage and backfilled.
- Continued C&D load out.
- Continued site housekeeping.
- Brandenburg brought on site water treatment support from Rain for Rent (water treatment/management provider). Quick jar test showed promise. Brandenburg generating a submittal package proposing a new pre-treatment system.
- Continuing work on the pump at the 005 lagoon system.
- Continued submittal review.
- Continued CAMP monitoring program.

Project Schedule:

- Brandenburg working 10 hours a day Monday through Friday, and 8 hours on Saturday (58 hr week) moving forward, other than travel weekends which will be identified.
- Brandenburg feels they remain on schedule to have demo complete to bare slab by first week of September.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- Hard copies of waste manifests and bill of lading for this week are on file at the site

Project Submittals Status

- No update

Look ahead:

- Brandenburg will continue interior demolition activities in the TSCA area .
- Brandenburg will continue to ship C&D waste and scrap metal, as well as managing and collecting freon, waste oils, and universal wastes.
- Brandenburg will continue demolition activities in both TSCA and Non TSCA area.
- Heritage mobilizing rail cars, equipment, and crew for TSCA material loadout starting next week.
- Environmental monitoring and dust control will continue.
- Brandenburg to provide TSCA area concrete additional costs for consideration.

Distribution:

Anne Kelly
Andrew Confortini
Peter Ouderkirk
M. Brendan Mullen
Bobby Dease

Raymond Kapp
Dan Kemp
Jason Ganun
Dave Grant
Dan Harkay

Dan Casey
Dino Zack
Margaret Carrillo-Sheridan
Richard Boelter



**Revitalizing Auto Communities
Environmental Response Trust**

July 02, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
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Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
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317 Washington Street
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Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**Weekly Progress Report – July 02, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

E-mail Notification

Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
Attention: Anne Kelly

E-mail Notification

U.S. Environmental Protection Agency
2890 Woodbridge Avenue
Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

2 copies (1 hard copy and 1 electronic copy):

New York State Department of Environmental Conservation
317 Washington Street
Watertown, NY 13601-3787
Peter S. Ouderkirk, P.E.

All Reports and Government Correspondence:

James M. Redwine, Esq.
RACER Trust
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

RACER SITE 1200 – Massena Demolition Project
Weekly Summary Progress Report
For Week Ending July 02, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 39,908 Total Safe Manhours: 39,908 through 06/26/11.
 Total Recordable Injury Frequency Rate (TRIFR): 0.00

- Site safety audits continued
- Field crew continues submitting safety observation reports

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 06/23/11 to 06/30/11

Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UW1	0.0	0.0	0.0	25 ppm	0.005	0.078	0.061	0.150 mg/m ³
SP1	0.0	0.4	0.3		0.000	0.153	0.064	
SP2	0.0	0.2	0.2		0.002	1.120	0.475	
SP3	0.0	0.5	0.3		0.003	0.094	0.059	
WP1	0.0	0.5	0.4		0.000	0.153	0.061	
WP2	0.0	0.4	0.4		0.006	0.233	0.084	

Notes;

1 – Action level is background (UW1 location) + 25 ppm

2 – Action level is background (UW1 location) + 0.150 mg/m³

- Water Sample Exceedances No ☐ Yes ☒ If yes, parameter ' TSS ' location – ongoing system adjustments being implemented.
 20,000 gallons of stored water returned to the oily waste system in order to be retreated.
 Pretreatment Water System discharge to Plant WWTP to date: 57,650 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
05/11/2011	9,800
05/20/2011	19,850
06/02/2011	10,000
Total Discharge to Facility Treatment	57,650

Field Activities:

- Brandenburg continued to prepare and ship scrap metal, C&D waste, ACM, and waste oil.

Massena Demolition - Waste Shipped Summary								
As Of	Metal Scrap (by Rail Car & Truck)	Copper Scrap (ton)	TSCA Regulated Waste (short ton)	C&D (short ton)	Waste Oil (gal)	Asbestos Materials (cy)	Universal Waste (lbs)	Glycol (gal)
June 6, 2011	6,477	92	0	3,028	2,694	440	28,680	1,950

- Approximately 253,000sf of building is now demolished.
- Coordination of rail car and trucking continues to be a limiting factor in getting material shipped off site.
- The only ACM management task remaining is related to the roofing materials which will continue for several more weeks, continued necessary air monitoring.
- Continued equipment removal in bays P to Q 27 to 29, as well as TSCA building area washdown.
- Continued interior demo and unpainted metal segregation in the TSCA area.
- ARCADIS continues to assess unpainted steel and wipe sample in the TSCA Area.
- Brandenburg has loaded 20 intermodal boxes with TSCA material. Boxes are averaging 12.5 tons/ box, well below the agreed to 15 ton minimum between Brandenburg and Heritage.
- Continued C&D load out.
- Continued site housekeeping.
- ARCADIS has requested additional information on Rain for Rent treatment system including a process flow diagram and WTC paperwork clarification.
- Perras completed utility capping on lines in the tunnel to waste water treatment building.
- Continuing work on the pump at the 005 lagoon system.
- Continued submittal review.
- Continued CAMP monitoring program.

Project Schedule:

- Brandenburg working 10 hours a day Monday through Friday, and 8 hours on Saturday (58 hr week) moving forward, other than travel weekends which will be identified.
- Brandenburg feels they remain on schedule to have demo complete to bare slab by first week of September.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- Hard copies of waste manifests and bill of lading for this week are on file at the site

Project Submittals Status

- Water treatment system information in review

Look ahead:

- Brandenburg will continue interior demolition activities in the TSCA area .
- Brandenburg will continue to ship C&D waste and scrap metal, as well as waste oils, and universal wastes.
- Brandenburg will continue demolition activities in both TSCA and Non TSCA area.
- Brandenburg will continue TSCA area washdown activities.
- TSCA area demolition will begin at column J31
- Brandenburg is off site from July 2 - July 5, returning to the site Wednesday July 6.
- Working through details of camera installation
- Environmental monitoring and dust control will continue.

Distribution:

Anne Kelly
Andrew Confortini
Peter Ouderkirk
M. Brendan Mullen
Bobby Dease

Raymond Kapp
Dan Kemp
Jason Ganun
Dave Grant
Dan Harkay

Dan Casey
Dino Zack
Margaret Carrillo-Sheridan
Richard Boelter



Heritage Fork Lift



TSCA Box Rail Car Loading Area



TSCA Box to Trailer Transfer



Universal waste round up



Waste Drum Accumulation



TSCA Box material loading w/ shear



TSCA Area clean out



Scrap Metal staged piles



**Revitalizing Auto Communities
Environmental Response Trust**

July 09, 2011

By E-Mail and Certified Mail

U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Anne Kelly

U.S. Environmental Protection Agency
2890 Woodbridge Avenue Building 209 (MS-211)
Edison, NJ 08837
Attn: Andrew Confortini

NYS Department of Environmental Conservation, Region 6
Division of Environmental Remediation
317 Washington Street
Watertown, NY 13601
Attn: Peter Ouderkirk, Environmental Engineer

Re: Administrative Order Index No. CERCLA-02-2010-2027
General Motors Corporation – Central Foundry Division Superfund Site
(the “Site”)
Massena, New York, St. Lawrence County

Gentlepersons:

Pursuant to paragraph 74 of the Administrative Order (“Order”), Index No. CERCLA-02-2010-2027, Motors Liquidation Company (“MLC”), please see attached the Weekly Progress Report for the Site. Please contact me at (201) 247-4890 if you have any questions.

Sincerely,

M. Brendan Mullen, P.E.
New York Cleanup Manager
RACER Trust

**Weekly Progress Report – July 09, 2011
Former Central Foundry Massena Superfund Site
Administrative Order Index No. CERCLA-02-2010-2027**

Massena Remediation Program Report Distribution List

E-mail Notification

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317 Washington Street
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RACER Trust
401 South Old Woodward Avenue, Suite 370
Birmingham, MI 48009

Raymond M. Kapp
ARCADIS
One International Boulevard, Suite 406
Mahwah, NJ 07495

RACER SITE 1200 – Massena Demolition Project
Weekly Summary Progress Report
For Week Ending July 9, 2011

Below is a summary of key project activities:

Health & Safety:

Total Manhours: 41,985 Total Safe Manhours: 41,985 through 07/03/11.

Total Recordable Injury Frequency Rate (TRIFR): 0.00

- Site safety audits continued
- Field crew continues submitting safety observation reports
- Tool box briefings performed twice a day. The topic is the hazards associated with the work task being performed during the shift.

Environmental Compliance Monitoring:

Air Sample Exceedances: No ☒ Yes ☐ If yes, parameter location

CAMP Weekly Summary - Reporting Period: 07/01/11 to 07/07/11

Station ID	VOCs (ppm)				Particulate Dust (mg/m ³)			
	Min	Max	TWA (Max)	Action Level ¹	Min	Max	TWA (Max)	Action Level ²
UW1	0.0	0.0	0.0	25 ppm	0.006	0.108	0.042	0.150 mg/m ³
SP1	0.0	0.5	0.5		0.000	0.055	0.039	
SP2	0.0	0.3	0.3		0.000	0.097	0.040	
SP3	0.0	0.5	0.5		0.005	0.042	0.037	
WP1	0.0	0.6	0.5		0.009	0.163	0.060	
WP2	0.0	1.1	1.0		0.007	0.123	0.064	

Notes;

1 – Action level is background (UW1 location) + 25 ppm

2 – Action level is background (UW1 location) + 0.150 mg/m³

- Water Sample Exceedances No ☐ Yes ☒ If yes, parameter ' TSS '. New proposed system currently under review.
- Water currently being stored in die cast tunnels and piping system.

Pretreatment Water System discharge to Plant WWTP to date: 57,650 gal

Pre-Treated Water Discharged	
Date	Gallons
04/20/2011	18,000
05/11/2011	9,800
05/20/2011	19,850
06/02/2011	10,000
Total Discharge to Facility Treatment	57,650

Field Activities:

- Brandenburg continued to prepare and ship scrap metal, C&D waste, and ACM.

Massena Demolition - Waste Shipped Summary								
As Of	Metal Scrap (by Rail Car & Truck)	Copper Scrap (ton)	TSCA Regulated Waste (short ton)	C&D (short ton)	Waste Oil (gal)	Asbestos Materials (cy)	Universal Waste (lbs)	Glycol (gal)
July 9, 2011	6,976	92		3,467	2,694	440	28,680	1950

- 310,000 sq ft of the building structure has been demolished.
- Non Friable ACM roofing material is being segregated and shipped. Air monitoring and project supervision continue until all material is removed. Wetting of material has been adequate.
- Portions of TSCA structural steel demolished and segregated within the TSCA zone.
- TSCA material being sized to meet landfill requirement.
- Wash down of structure in TSCA exclusion zone completed.
- Universal waste and equipment oils continue to be removed from within the TSCA area. This activity is almost complete. Inspections are conducted as areas are cleared.
- Vulcan Cast Line equipment from the interior of the TSCA area continues to be removed, sorted and segregated for proper disposal.
- Interior demo of administration building has started.
- Loaded 4 rail cars with 28 intermodal boxes of TSCA material. These rail cars were inspected and properly manifested.
- Contractor is working on improving efficiency of TSCA material hauling. Issues of insufficient weights and intermodal damage are being reviewed.
- Continued C&D load out.
- Continued Non Friable ACM load out.
- Loaded 49 tons of TSCA soil from Cell #3 into intermodal boxes for shipment on railcars.

- Continued site housekeeping.
- Equipment decontaminated prior to removal from TSCA area. Testing completed prior to release from reduction zone.
- On site water filtration system is not functioning. Water is being collected in the tunnel system. Working on approval for new system.
- Continuing work on the pump at the 005 lagoon system.
- Completed inventory of 90 day temporary waste storage.
- Continued submittal review.
- Continued CAMP monitoring program.

Project Schedule:

- Brandenburg working 10 hours a day Wednesday through Saturday.
- Brandenburg acknowledges that the project schedule has slipped by two weeks.
- Brandenburg needs to rectify water pretreatment system operation as soon as possible potential future schedule impact Arcadis now reviewing NYS DEC needs to implement.

Waste Manifests, Bills of Lading, and/or Certificates of Destruction for Reporting Period

- Hard copies of waste manifests and bill of lading for this week are on file at the site

Project Submittals Status

- Reviewing state's needs for new treatment system.

Look ahead:

- Brandenburg will be continuing interior demolition activities in the TSCA area.
- Structural demolition will continue inside and outside TSCA areas.
- Brandenburg will continue to ship C&D, scrap metal, and TSCA material, as well as managing and collecting universal wastes.
- Loading TSCA Soil from Cell#3.
- Evaluation and improvement of TSCA material loading and shipping.
- Environmental monitoring and dust control will continue.

Distribution:

Anne Kelly
Andrew Confortini
Peter Ouderkirk
M. Brendan Mullen
Bobby Dease

Raymond Kapp
Dan Kemp
Jason Ganun
Dave Grant
Dan Harkay

Dan Casey
Dino Zack
Margaret Carrillo-Sheridan
Richard Boelter



Administrative building prep work



Locker room interior demolition



Cell 3 area prior to soil loadout



ILF Air Monitoring Location set up



Waste Chemical accumulation area



TSCA Box Rail Car



General interior demolition



Cell 3 soil load out operation

Weekly Progress Meeting Minutes

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

July 14, 2011

Meeting Minutes

In attendance: Present on site -Mike Massiello, Dave Grant, Richard Boelter, Craig Arquette, Julieann Wilson, Jason Ganun, Dan Kemp, Dan Casey, Tom Carey, Dino Zack, Barry Dietlein. On the phone –Anne Kelly, Bobby Dease, Brendan Mullen, Margaret Carrillo-Sheridan.

Meeting called to order at 9:00AM.

Health and safety:

Total Safe Man-hours: 43,640 Total Man-hours: 43,640 Weekending: 07/10/2011

Site health and safety continues to be the top priority on site; safety observations continue come in.

Health and safety expectations on site have been reviewed with Heritage and are being monitored.

Site Demolition Activities

Demolition in the non-TSCA area is continuing. Currently Brandenburg is demoing the M-P line down to column line 17; the Q line is still in place. Demolition will stop momentarily with Heritage back on site to allow them access to the load out area. Brandenburg is working on column line 29, coming up from column line D-F, all of which is being preformed from the non-TSCA floor area. Brandenburg will go up through line 29, as much as possible and once the TSCA area is reached; the equipment used will stay in the TSCA area.

Wire stripping is continuing.

Torch work continues and the Shears are running.

Brandenburg currently has 1 railcar on site for non-TSCA material; it has been loaded and is ready to be shipped.

Administrative building cleanout has begun.

TSCA material preparation continues. Brandenburg has changed out the Shear for a Grapple so that they can load the Heritage boxes and not cause damage.

Sheet metal continues to be delivered to Massena Metal via Brandenburg's truck. Riccelli and United Scrap shipments continue to go well.

Brandenburg received four more rail cars from Heritage and is currently preparing them. At this time Heritage has a total of 45 boxes on site with two other rail cars of Heritage boxes in the Massena Rail yard.

Brandenburg has placed an order for as many CSX boxes they can deliver and as needed they can scale back, but Brandenburg is yet to receive any. Brandenburg spoke with CSX and they indicated that the derailment that took place North of Syracuse last Wednesday night has slowed down the ability to get boxes up to the North Country. But this week they will be releasing the boxes held and will reopen the rail line that was closed down due to the derailment.

Progress tracking figure sent around by Dan Casey from Arcadis, shows there is 320,000 square-feet of building that is completed as of 7/13/11.

Segregation of TSCA and non-TSCA is complete for in-place equipment. Only a work in progress, processing pile remains to be sorted; it should be complete by the end of the week.

Brandenburg indicated they are almost complete with the interior gut out of all material.

Brandenburg has taken samples of glue located on the back of wall panels in the Admin Building, for suspected asbestos. The results are expected back today. If the result come back positive for asbestos, Brandenburg will need to amend the notification to the state but will only need to set up an asbestos regulated area, as the material is classified as non-friable.

Brandenburg will be bringing a roll off on site next week to help out with the processing of the Amin Building material.

Brandenburg entered a submittal for Rain for Rent; a contractor that is proposing a new water system. Arcadis has reviewed the submittal and followed up with Peter Ouderkirk from the DEC. Peter indicated that since a new system with new chemicals has been proposed; State

approval is required. Arcadis is in the process of putting together questions to be answered by Rain for Rent, so that a complete package can be submitted to the state.

ACM abatement is complete with the exception of the roofing material.

Brandenburg will follow up with Perras on the development of the utility as-built drawings.

Brandenburg has shipped a total of 7,201.8 gross tons of scrap and a total of 3,703.41 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 406.53 net tons; of that, 49.52 net tons was soil from the cell #3 pile.

At the end of last week Heritage had pulled offsite. After negotiations with Heritage they return to site today; with the stipulation that Brandenburg present that they have production in mind and they don't damage Heritages' boxes while loading them.

Process of Loading TSCA material:

1. Load the intermodal with a foot of soil in the bottom
2. Move box from Cell #3 using the South Rd. -to the Scale House
3. Weight out the box for Soil weight (receives a Brandenburg scale ticket)
4. Goes into the building to TSCA area
5. Gets loaded with steel
6. Goes back to the Scale House to get weight and a gets a Heritage scale ticket
7. Gets put on the Rail Car
8. Is offered to the rail
9. Shipped offsite

There has been a lot a discussion with Heritage regarding Heath & Safety and moving materials around the site. In addition Heritage has ramped up arrangements to create a safe work platform so that they can work off of elevated surfaces. With the additional traffic Arcadis has stressed to Brandenburg, the need to maintain control over the dust.

Brandenburg has a goal to load 18-21 intermodal boxes daily, and get them on the rail car and noted to CSX. As long as there are boxes on site Heritage will be here working. The schedule at this point is Monday-Saturday. Heritage has called in local laborers from Perras, to assist with loading material.

The TSCA Offsite equipment that was sold at auction and remains offsite has been picked up in Indiana and are on the way to be disposed of. Arcadis is in the process of coordinating the local pickup of equipment.

3 Week look ahead:

- Universal Waste – to be 100% completed by today
- Clearing bays on the P-Q line
- Structure demolition
- Final strip out of Amin Building
- Shipment of materials generated

Brandenburg will provide Anne Kelly from the EPA with a headcount of personnel on site.

Environmental Monitoring

Camp monitoring is continuing with no exceedances with the exception of Thursday, July 12, 2011. The elevated concentration was investigated and found to be the results of the humidity.

In support of Soil loading at Cell #3, High volume sampling started last Thursday. No analytical results are available due to the 72 hour turnaround time from the lab which ultimately means ~5 day lag. Initial results will be presented next Thursday.

ACM abatement monitoring is ongoing; the results that came back for July 8 and 9 came back with no exceedances.

Arcadis continues to support the demolition project through waste characterization sampling. Wipe sampling of oil drums are planned for later this week or early next week.

Project Schedule:

Brandenburg is in the process of updating the Project schedule.

Submittals

- Water Treatment submittal preparation in the works
- Submittal for Scrap Steel and Lead Acid Batteries is being reviewed

Additional Site Work

Pump Well Test for well #2 started on Tuesday; Arcadis will be assessing the tests performed tomorrow.

Ground Water sampling is scheduled for August 1, 2011

Open Discussion

Arcadis has received the schedule and pricing impact for addressing some of the TSCA concrete area; it's currently being reviewed.

Meeting adjourned at 10:05.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

July 21, 2011

Meeting Minutes

In attendance: Present on site -Mike Massiello, Dave Grant, Richard Boelter, Julieann Wilson, Jason Ganun, Dan Kemp, Dan Casey, Tom Carey, Dino Zack, John Williams.
On the phone – Bobby Dease, Margaret Carrillo-Sheridan.

Meeting called to order at 9:00AM.

Health and safety:

Total Safe Man-hours: 44,533 Total Man-hours: 44,533 Weekending: 07/16/2011

Site health and safety continues to be the top priority on site.

On Tuesday July 19, 2011 at 10:45 A.M. Brandenburg reported property damage caused by a structural beam that fell and struck a generator and a dust boss. No one was hurt in the incident because all engineering controls were in place; danger tape and red asbestos tape were up, along with management on site during the demolition process. Work was stopped for an hour while management reviewed the incident. Brandenburg came to a conclusion that the cause of the incident was a misjudgment in cutting. Management agreed they need to improve their inspections prior to demo and have better communication between management and their crew. Other Measures were also put in place to prevent this from happening again. The incident was then shared with the Brandenburg crew at the lunchtime safety meeting. The Dust Boss was a complete loss; a replacement is in the works. The property damage and incident report were provided to Arcadis today.

Site Demolition Activities

Demolition in the non-TSCA area is continuing. Currently Brandenburg is demoing the P-Q line; in which there is asbestos roofing on it, therefore, Mark Perry from Op-tech is overseeing the demolition of this area. Brandenburg's plans to be complete with demo activities, down to the end of Q line; in the next three days so that they will have that area complete, by the time Heritage returns on Monday.

Brandenburg is running on a five man burn crew in the non-TSCA area to help prepare more material to ship out.

As of today, Brandenburg has 5 railcars on site for non-TSCA material; they have been loaded and are ready to be shipped.

Heritage's cars are loaded and are staged outside the gate. Heritage has left the site and will return when they have more intermodal boxes to load.

Brandenburg is continuing to work in the TSCA area working on the lower bays D-J; Brandenburg presently has all bays down through 25-23 column; preparing of TSCA material is ongoing. Torch work is continuing along with housekeeping. At this point, interior cleanout of the TSCA material is done. Brandenburg has also put up berms and a snow fence to maintain the TSCA concrete boundaries as the other indicators (structural columns) are removed.

Brandenburg will have a crane here tomorrow to take down six more transformers off the roof. Three of which are TSCA and three are Non-TSCA.

Wire stripping is continuing.

Massena Metals has elected not to take anymore sheet metal therefore Brandenburg is now shipping metal to Ben Weitsman's in Owego NY.

Administrative building cleanout has begun. The sample that Brandenburg had taken last week of glue located on the back of wall panels in the Admin Building has come back positive for asbestos. Brandenburg will need to amend the notification to the state but will only need to set up an asbestos regulated area, as the material is classified as non-friable.

Progress tracking figure sent around by Dan Casey from Arcadis, shows there is 397,000 square-feet of building that is completed as of 7/20/11.

ARCADIS will be working with Nalco and Barry Dieltein to have them evaluate Brandenburg's waste water pretreatment system and have them make their recommendation to improve operation using the system on site. The intent is to have the system up and running in two weeks.

ACM abatement is complete with the exception of the roofing material and glue found in the Admin building. Brandenburg indicated there will be no need for ACM type management activities on site, for at least two weeks. Therefore, Arcadis will pull the ACM Air monitors. In the event Brandenburg does need ACM monitoring they will provide Arcadis with a three day notice so that they can provide the proper staffing and air monitors.

Brandenburg has been in contact with Perras in regards to the development of the utility as-built drawings. As of today, the drawings are still a work in progress.

Brandenburg has shipped a total of 7,432 gross tons of scrap and a total of 4,398 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 1,619 net tons; of that, 642.58 net tons was soil from the cell #3 pile.

Heritage is tracking two of their rail cars that were pulled off the track in Norwood, NY. The other fifteen cars will be delivered sometime between now and Monday. Heritage will be back on site this Monday. Since the introduction of the soil to the Heritage boxes, Brandenburg has been getting an average of 17.1 Net Tons per intermodal box and has not damage them at all. Brandenburg will be reestablishing the load out area to make it easier for them to reach the material.

Brandenburg had received five CSX rail cars yesterday. They are loaded and back on the rail to be shipped out today. Brandenburg has also placed an order for ten more rail cars this week; as well as ten more next week. These are only CSX cars to supplement the BISCO rail cars that are in queue.

As of yesterday United has committed ten trucks for next week and ten more for the week after.

Brandenburg will be stripping the Copper cable in the TSCA area, by the end of next week.

The load of Robots from Saran has been picked up in Indianapolis, shipped and received at the waste facility. Arcadis is in the process of coordinating the pickup of local equipment.

3 Week look ahead:

- Finish P-Q column- Final demolition
 - Clean out of Admin building
-

- Clean up of clean scrap of site
- Demolition of the structure in TSCA area
- Removal of Transformers

Environmental Monitoring

Camp monitoring is continuing including High Volume PCB Air Sampling. Arcadis has received results back for samples collected July 8-14 all of which are under the action levels for PCB's. There were no exceedances for dust for the reporting period; of note we had hazy conditions yesterday July 20th, which resulted in elevated readings including up wind. The elevated concentrations were investigated and believed to be contributed to the smoke fires in Ontario.

Arcadis continues to support the demolition project through waste characterization sampling. Most samples collected are from equipment being deconned. Sampling of oil drums is planned for later this week.

Yesterday July 20th High Volume Air Monitor #2 was shut down for a period of less than an hour for maintenance.

Project Schedule:

Brandenburg is in the process of updating the Project schedule.

Brandenburg feels they will be about 3 weeks ahead of schedule for the TSCA area preparations. Therefore, the estimated time to have the structure down is by the second week of September and for an overall completion by the end of September.

Submittals

- Metalico has been approved for scrap and the approval for the Lead Acid Batteries is in the works.
-

- The State has questions regarding the approval of Norlight which is being followed up on now.
- Brandenburg will be submitting two more submittals this week for scrap facilities to be approval.

Additional Site Work

The Pump Well Test for well #2 is complete; Arcadis will be analyzing the data collected.

The last round of the data collected from Outfall 003 & 005 SPECS sampling has come back with exceedances at both outfalls, for PCB's. The discharge limit is .3 and there were discharges of .4 and .7 therefore, the state has been notified. There are a number of response actions put in play along with more discussions to come, moving forward.

Open Discussion

Firm data has been received on samples taken of TSCA equipment being sent to Transend; more to come regarding on the load out date and test run.

Brandenburg will have their Time Lapse Camera up and running by mid-next week.

Meeting adjourned at 10:11.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

July 28, 2011

Meeting Minutes

In attendance: Present on site -Mike Massiello, Dave Grant, Richard Boelter, Julieann Wilson, Jason Ganun, Dan Kemp, Dan Casey, Tom Carey, Dino Zack, John Williams, Craig Arquette, Jeff Fritts, Gary Basford, Barry Dietlein,
On the phone – Bobby Dease, Joel Rojas, Anne Kelly, Peter Ouderkirk, Brenden Mullen.
Meeting called to order at 9:00AM.

Health and safety:

Total Safe Man-hours: 49,329 Total Man-hours: 49,329 Weekending: 07/23/2011

Site health and safety continues to be the top priority on site.

There are no Injuries or near misses to report.

Safety tool box meetings continue, twice daily. On Thursdays, Brandenburg offers a more concentrated safety meeting with their crew, where safety awards are offered. Dust track monitoring and PID monitoring continues along with wearing proper protection. Field observations continue to come in.

Communication has been key to all aspects of this project and continues to be a strong component in the field.

Site Demolition Activities

Demolition in the non-TSCA area is continuing. Brandenburg has completed the N-Q line, removing of all the bays. Brandenburg received the sign off the ACM roofing that was there. Brandenburg doesn't expect to have any more ACM roofing until they get to the garage area and Admin building area.

Demolition in the TSCA area is continuing. Brandenburg has progressed down to the 13-15 line, some of the structure on J line has been left up to allow the larger equipment to get in..

Wire stripping is continuing.

Housekeeping is ongoing. Brandenburg is running a five man burn crew in the non-TSCA area to help prepare more material to ship out.

As of today, Brandenburg has 2 railcars on site for non-TSCA material; they have been loaded and are ready to be shipped.

Heritage will continue their operation, getting soil from cell #3 for the bottom of the containers. Then over to the load out area at 29 columns, which has been changed to a load-out area temporarily while Brandenburg takes down the P-Q line. Once Brandenburg receives the clearance for the demo work by door 16; heritage will go back to the original load out area.

Brandenburg continues to gut the interior of the Administrative building preparing for demolition; scheduling of demolition for the Admin Building is a work in progress.

Brandenburg continues to load out C&D on a daily basis, with an average of four trucks daily.

Brandenburg is scheduled to receive two trucks from United Trucking today.

The burn field at the East end is set up and Brandenburg continues to have their Shear running to help assist in the preparation of material, to be shipped out.

Progress tracking figure sent around by Dan Casey from Arcadis, shows there is 485,000 square-feet of building that is completed as of 7/27/11.

United Metals has committed to Brandenburg a total of thirty-three trucks, from now to August 10, 2011.

Brandenburg is tracking a total of 42 rail cars, to be delivered between this week and next week.

Brandenburg is expecting to have 42 rail cars and 33 trucks non-friable material loaded and shipped offsite, by the second week of August.

Heritage is showing 15 rail cars in the Massena Rail Yard. As of yesterday 3 railcars were delivered to the site; Heritage has put a call into CSX questioning the whereabouts of the other 3 railcars requested for delivery. Heritage has also had 9 cars that have been "turned and burned" in Indiana; they are expected to arrive in Massena by the end of next week. The turnaround for Heritage railcars is about two weeks.

Brandenburg has been having issues with CSX this week; in regards to the delivery of rail cars to the site. The rail cars are sitting in the Massena Rail Yard but CSX is not delivering them to the site; which has left Brandenburg shorthanded. Brandenburg has made all the contacts that they can, by phone along with making an in-person appearance to find out what the holdup is; with no results. This hold up is impacting Heritage and Brandenburg as a whole.

Heritage is on site today. Yesterday Heritage stayed late and offloaded the six empties that were on the railcar and loaded up seven boxes that were already prepared w/ soil, so that there would be a rail car ready to leave the site. That leaves 19 intermodal boxes to be prepared today. Brandenburg's goal for production of Heritage boxes is 16-18 boxes a day; but are running at an average of 7 ½ per work days. If boxes were available Brandenburg's goal could be met.

Brandenburg has been working with Nalco and Barry Dieltein to evaluate their Water Treatment System. Nalco recommended that Brandenburg use a chemical called Nalco 8180 and a mixer in their 1st tank, to mix the chemical; so that the waste material would drop out into the second chamber of 1st the tank, making the water flow as it was currently designed to be. Nalco will be providing a breakdown of their recommendations to Arcadis by 10 AM, today. The intent is to have the system up and running before the end of week. In parallel to this, Brandenburg and Arcadis will be sending the State a letter, to notify the State of the added chemical and relief of the TSS standard, as part of the remedial program. The chemical Nalco 8180 is a chemical that is already approved for use at this facility.

ACM abatement is complete with the exception of the roofing material and glue found in the Admin building.

Brandenburg has provided Arcadis with a copy of the As-Built drawing for the Utility reroutes.

Brandenburg has shipped a total of 8,154 gross tons of scrap and a total of 4989 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 1,863.55 net tons; of that, 857.38 net tons was soil from the cell #3 pile. The total net weight in pounds, divided by 2240 gives you the gross ton.

There has not been any other issues with Heritage regarding, damage to their boxes since the introduction of the TSCA soil.

Arcadis has coordinated the pickup of the local offsite equipment; to be picked up next week.

3 Week look ahead:

- Removal of the clean steel at the South-West corner between N7-N1
- Structural Demolition of TSCA area
- Demolition of the Admin Building August 15, 2011
- Demolition of the Water Tower the week of August 22. – Notification to the FAA of removal of structure.

Environmental Monitoring

Camp monitoring of demolition activities continues with no exceedances of the action levels.

Camp monitoring is continuing including High Volume PCB Air Sampling. Arcadis has received results back for samples collected July 7-21 all of which are under the action levels for PCB's.

ACM abatement is complete in the P-Q line for the ACM roof. Air monitoring results for final clearance, were less than the action levels for final clearance.

Arcadis continues to support the demolition project through waste characterization sampling. Results of the wipe sampling taken last week other the oil drums and equipment are expected today or tomorrow.

Project Schedule:

Brandenburg estimates the structure will be down, by the second week of September.

Submittals

- Mechanical As-built uploaded to the portal today
- Malico has been approved for scrap and the approval for the Lead Acid Batteries is in the works.

Additional Site Work

The Ground Water Sample Crew will be on site next week.

The St. Lawrence River Cap Inspections will start next week.

Open Discussion

Brandenburg has their Time Lapse Camera up and running as of yesterday. Brandenburg is in the process of setting up a username and password, for access to the photos.

This weekend is a travel weekend for Brandenburg; next week schedule will be Tuesday-Saturday.

Meeting adjourned at 9:52.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

August 04, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Richard Boelter, Julieann Wilson, Jason Ganun, Dan Kemp, Dan Casey, Tom Carey, Dino Zack, John Williams, Craig Arquette,
On the phone – Bobby Dease, Anne Kelly, Brendan Mullen, Margaret Carrillo-Sheridan

Meeting called to order at 9:03AM.

Health and safety:

Total Safe Man-hours: 51,687 Total Man-hours: 51.687 Weekending: 07/30/2011

Site health and safety continues to be the top priority on site.

Another safety meeting luncheon is planned for next week, at which Brandenburg will be handing out Massena project tee-shirts that day.

While Security was out making their hourly rounds, they heard what they believed to be distress calls (People yelling for help). Security called 911 at 20:55, advising the dispatcher that there were kids screaming for help in the distance. Mohawk PD said they would send someone out to investigate the situation. The Mohawk PD never came on site nor did they call back for further information. The direction of the distress call was noted as beyond the eastern perimeter of the GM property, across the Cove. Brandenburg will be bringing the situation up at the post lunch safety meeting advising their employees to keep their eyes and ears open for any kind of noise that is not typical for the site, so it can be addressed.

Site Demolition Activities

Demolition in the non-TSCA area is continuing. Brandenburg is currently working on removing the non-TSCA steel in column lines N-L; in the meantime there are labors in the crusher pit removing the standing rain water and prepping the steel for removal.

Brandenburg continues to shear scrap material in preparation for load-out.

Torch cutting is ongoing

Wire stripping of the non-TSCA wire will be completed today and stripping of the TSCA wire will start tomorrow.

Structural demolition in the TSCA area is continuing. Brandenburg is currently working in column lines J-D, 11-13. Brandenburg continues to load out soil from Cell 3; as well as the TSCA debris.

Brandenburg received nine rail cars on Tuesday and filled them with #1 heavy melt and plate and structural. The cars were offered to the rail and were picked up yesterday. Nine more rail cars were received last night and will be loaded today; also CSX indicated they will be delivering nine more tomorrow. Brandenburg is tracking a total of fifty-eight CSX railcars to be delivered between this week and next week.

Brandenburg has been shipping five loads a day of sheet metal to Owego; with the exception of Fridays, in which their trucks are filled with non-feris material and brought to Almet Recycling. Brandenburg has requested another truck, to be delivered to the site next week to help transport material to the scrap yards.

Shipments of C&D are ongoing. Brandenburg has scheduled for two C&D trucks to be delivered today; the C&D material is currently being loaded out as it is generated.

Universal Waste is on hold momentarily until the water is out of the crusher pits.

Brandenburg is expecting seven trucks from Almet tomorrow, to pick up the remaining stainless steel material that has been stock piled.

Brandenburg is planning for TSI to come back to the site next week to pick up the transformers that are staged out by track eight.

Rail shipments for Heritage are going well. There are four Heritage rail cars in the queue to be delivered today.

Brandenburg continues to gut the interior of the Administrative building, preparing for demolition.

Brandenburg and Arcadis will be sending the State a letter, to notify the State that they are raising the internal pre treatment standard to 45 TSS, the oil and grease levels will remain the

same and Plan B, if issues arrive with being able to maintain the TSS level; would be to add the chemical Nalco 8180, as it is a chemical that is already approved for use at this facility.

ACM abatement is complete with the exception of the roofing material and glue found in the Admin building.

Brandenburg has provided Arcadis with a copy of the As-Build drawing for the Utility reroutes.

Brandenburg has shipped a total of 10,189 net tons of scrap and a total of 5,275 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 2,783.82 net tons; of that, 1,333 net tons was soil from the cell #3 pile.

No update on offsite equipment.

3 Week look ahead:

- Removal of the clean steel at the South-West corner between N7-N1
- Structural Demolition of TSCA area
- Demolition of the Admin Building August 15, 2011
- Mechanical disconnect of the water tower
- Electric disconnect on the water town
- Demolition of the Water Tower the week of August 22. – Notification to the FAA of removal of structure.

Progress tracking figure sent around by Dan Casey from Arcadis, shows there is 512,000 square-feet of building that is completed as of 8/03/11.

Brandenburg is in the process of re-establishing the TSCA concrete limits. The message continues to be expressed to the guys in the field, that there is limited access to this area. There are also visual barriers such as red tape, being put up and the column stubs are being identified in the field.

TSCA material in the TSCA area is being maintained by keeping one pile under roof line as possible and a second load out pile is being actively watered during non work hours and around the clock. Margaret expressed concern over the management approach and a decision was made to talk through the approach off line.

Environmental Monitoring:

CAMP monitoring continues during demolition activities with no exceedances of site action levels established for both particulate dust and volatile organic compounds.

In addition to CAMP monitoring, High Volume PCB Air Sampling also continues. An exceedance was recorded at a concentration of $0.111 \mu\text{g}/\text{m}^3$ for samples collected on July 26 at Air station 1. Further evaluation of site operations and site conditions during this event showed that unusually high wind conditions including gusts to 32 mph likely contributed to the result.

Based on data and wind direction observed during the sampling period, the Cell #3 soil loading operation was determined to be the likely source of the exceedances. Subsequent High Volume PCB Air Sampling analytical results were below site action levels, indicating the event was of limited duration. Following receipt of the results, notifications were made to USEPA including details of the event and corrective actions taken to prevent future occurrences.

Arcadis continues to support the demolition project through waste characterization sampling. Results of the wipe sampling taken last week from a variety of scrap metals and copper, came back less than 10 micro-grams; deeming the material available for scrap. Results from the paint chip samples taken of the Crane Rails, came back at 110 and 112 PPM pcb; indicating the material is TSCA regulated. Brandenburg will be disposing of the Crane Rails as TSCA Material.

Project Schedule:

Brandenburg estimates the structure to be down, two weeks ahead of schedule but estimates the demobe date to be the end of September.

Brandenburg's revised overall schedule is currently a work in progress.

Brandenburg's work schedule this week will be 7-5:30 Tuesday-Saturday; with no intrusive work after 5:30 p.m.

Submittals

- Revision of As-built drawings – is in review

- Review of Model City submittal for scrap – in review
- Malico has been approved for scrap and the approval for the Lead Acid Batteries is in the works.

Additional Site Work

The Ground Water Sample Crew mobilized to the site on Monday. They are expected to be complete by the end of the week.

The St. Lawrence River Cap Inspection is expected to beginning today but is weather dependent.

Open Discussion

Brandenburg has their Time Lapse Camera up and running. Brandenburg has provided an e-mail regarding the username and password, for access to the photos.

Meeting adjourned at 10:08.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

August 11, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Richard Boelter, Julieann Wilson, Mike Massiello, Dan Kemp, Dan Casey, Tom Carey, Dino Zack, Peter Ouderkirk, Craig Arquette,
On the phone –Anne Kelly, Brendan Mullen, Margaret Carrillo-Sheridan

Meeting called to order at 9:00AM.

Health and safety:

Total Safe Man-hours: 54,524 Total Man-hours: 54,524 Weekending: 08/06/2011

Site health and safety continues to be the top priority on site.

Brandenburg held a safety meeting luncheon yesterday; at which they handed out Massena Safety Project tee-shirts in recognition of having more than 50,000 safe man-hours. Brandenburg expressed that everyone has been an asset in contributing to the Health & Safety onsite. Dan Casey from ARCADIS also commended the efforts to keeping the site safe.

Site Demolition Activities

Structural demolition in the TSCA area is continuing. Brandenburg has committed the 984 excavator into the TSCA area to process the high bay work, in the J-K line. Processing of the high bay work should be complete by the end of this week; with the equipment being decontaminated, sampled and ready to ship offsite by early next week. Brandenburg is currently working from the West to the East doing bay removals. Brandenburg is currently down to D-H 1-9 and J-K 19-21. Brandenburg continues to load out soil from Cell 3; as well as the TSCA debris.

Torch cutting is ongoing.

Brandenburg continues to load out C&D on a daily basis, with an average of two trucks daily.

Brandenburg has four trucks hauling Sheet metal to Owego daily.

Metal preparation for the railcars continues. Brandenburg is expecting to receive six railcars by the end of this week and is tracking a total of fourteen to be delivered, next week.

Wire stripping in the TSCA area is ongoing.

Brandenburg is currently at a standstill with the Admin building but stated that work will resume next Monday.

Water Treatment operations continue to be on hold. Last Saturday when Brandenburg's treatment operator went to inspect the Water Treatment system, he noticed that the plug that had been installed in the oily waste line to hold back the remedial waters from the building, was not working right. Brandenburg tried to pressurize the failed bladder plug, but no avail. Brandenburg replaced the plug and the system is back up and running. The estimated internal release of water into the Water Treatment System is less than fifty thousand gallons. A batch sample will be collected to see if the water is able to meet the new 45 mg/l for TSS.

Brandenburg has shipped a total of 12,902 net tons of scrap and a total of 5,504 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 4,396.17 net tons; of that, 2,199.01 net tons was soil from the cell #3 pile.

Heritage will be on site until mid-day today; loading out the remainder of the twenty-one intermodal boxes left on site. Heritage is also tracking three more railcars that are in the queue to be delivered mid-next week. Heritage is extending the TSCA area to facilitate TSCA metal load out operations. The area will be treated as an off limits area with poly being put down and a visible barrier around the area. They have also improved the load out process; in which the soil is loaded.

Dan Casey expressed his concern regarding, addressing other avenues of shipping TSCA material off site. Brandenburg replied, there was no alternate trucking identified.

As of today, Brandenburg has three railcars on site for non-TSCA material; one is loaded and the other two are in the process of being loaded. Brandenburg also is expecting six more this week being loaded out through the end of the week.

Per Brandenburg, Transformer pick-ups have been changed to August 18, 2011.

Brandenburg will have all the equipment from the Crusher Pit pulled out by the end of the day. ARCADIS has asked Brandenburg to keep the access ladder in place so they can sample the floor and wall; so the concrete can be characterized. Brandenburg is currently pumping about a foot of water out of the Crusher Pit daily but is still unsure of where it is derived from.

No update on offsite equipment.

The Trans Ind shipment is currently still a work in progress. ARCADIS indicated they will have a firm date for shipment soon and will also provide the EPA with all the appropriate permits required. All metal being shipped will have specific hard data and a table that will track all the detailed information; such as PCB levels before and after processing.

Brendan asked Brandenburg what their schedule is for the clean-up of TSCA material. Brandenburg replied; they are looking at a couple different options on getting the TSCA material shipped out.

At this time, Brandenburg has four 954 shears and a 500 loader along with one 924 grapple which is currently preparing the TSCA boxes.

Brandenburg will be providing a written plan on the procedure, of taking down the Water Tower; by the end of the day. Dan Casey requested that Brandenburg, also provide a demolition figure on the Water Tower demolition.

Progress tracking figure sent around by Dan Casey from Arcadis, shows there is 557,500 square-foot of building that is completed as of 8/03/11.

3 Week look ahead:

- Structural Demolition and load-out of TSCA material
- Demolition of the Admin Building August 15, 2011
- Mechanical disconnect of the water tower
- Electric disconnect on the water tower
- Demolition of the Water Tower the week of August 22. – Notification to the FAA of removal of structure.

Brandenburg indicated they will have the structural demo in the TSCA area complete by 8/20/11.

Brandenburg next travel weekend is Labor Day. Brandenburg will be off site 9/4/11-9/6/11 and returning 9/7/11.

Environmental Monitoring:

CAMP monitoring continues during demolition activities with no exceedances of site action levels established for both particulate dust and volatile organic compounds.

In addition to CAMP monitoring, High Volume PCB Air sampling also continues with no exceedances of the actions levels thru August 5, 2011.

Arcadis continues to support the demolition project through waste characterization sampling.

- Arcadis sampled the remaining oil drums on site and are awaiting analytical results.
- Results of the wipe samples collected from Copper #2 came back non-detect for PCB's.
- The bulk sample of the adhesive on some of the Copper wire is expected by July 16th.

ARCADIS is working with Brandenburg to schedule a review of remaining Universal Waste and oil observed on their walk through of the Water Tower yesterday.

During a routine inspection of the 90 day storage area in the Butler Building, ARCADIS identified a slow leaking drum. It was immediately addressed, the material was transferred from the drum into a new drum and the spill material was cleaned up. The material was within the containment area in the 90 storage building.

Project Schedule:

Brandenburg did not provide an update for an overall project schedule. ARCADIS stressed the importance of getting the schedule submitted and requested that Brandenburg provide an overall schedule, by next week.

Submittals

- Revision of As-built drawings- is in review
- Review of Model City submittal for scrap- in review
- Metalico has been approved for scrap and the approval for the Lead Acid Batteries is in the works.

Additional Site Work

The Ground Water Sampling was complete successfully last week; results from the sampling are expected, a week from tomorrow.

The St. Lawrence River Cap Inspection was also completed successfully; the cap appeared to be in good condition. A formal submittal will be submitted to the EPA on the results of the inspection.

Open Discussion

Meeting adjourned at 9:55.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

August 18, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Richard Boelter, Julieann Wilson, Mike Massiello, Dan Kemp, Dan Casey, Tom Carey, Peter Ouderkirk, Craig Arquette, Anne Kelly, Brendan Mullen, John Williams.

On the phone – Bobby Dease, Gary Basford.

Meeting called to order at 9:00AM.

Health and safety:

Total Safe Man-hours: 57,290 (est) Total Man-hours: 57,290 (est.) Weekending: 08/13/2011

Site health and safety continues to be the top priority on site. Feedback is not as frequent but awareness on site is at its highest with total team involvement (Brandenburg, RACER, Security, and ARCADIS all engaged).

On Thursday August 11, 2011 an intruder was observed on site with a Rubber Tire Back Hoe. The intruder was dropping a load of TSCA soil into a clean scrap metal railcar. The site management team was notified and responded immediately. Based on prior discussion and planning Plant Security called 911. The residents name was Larry Thompson; he entered the site through a chained gate at the South East corner of the landfill. During the time that he was moving all the material; New York State Police responded with a large number of people officers. Meanwhile, Larry had locked himself in the Back Hoe. With assistance from Brandenburg and their equipment; Larry saw that he was being blocked in and therefore, proceeded to break through the fence to get back to the SRMT side of the property line. Over the course of a short period of time he surrendered and was arrested for trespassing and other charges. Throughout this entire process the number one priority was the health & safety of everyone involved. The repairs have been made to the landfill and the waste material has been secured. Good judgement was shown by all involved and the effect was managed and limited to the extent possible.

Site Demolition Activities

Structural demolition in the TSCA area is continuing.

Heritage is onsite today with fourteen intermodal boxes to be loaded. Heritage is expecting more railcars next week and plans to have enough to get them to the Labor Day weekend. Ann Kelly asked Brandenburg how much TSCA material will be shipped off site from now till the Labor Day Weekend. Brandenburg responded by saying they would rather have Heritage answer the question; but indicated that Heritage is expecting quite a few railcars between now and then. Tom Carey from ARCADIS pointed out, that based on passed performances; Heritage should be able to process 100 tons a day, half being soil and half debris. Brandenburg indicated they have enough TSCA material prepared, if Heritage provides the railcars.

The burning field is up and running.

Brandenburg continues to prepare non-TSCA material for load out of railcars and trucks.

Brandenburg has three trucks onsite hauling sheet iron to Owego.

Demolition of the Chiller Building continues.

Brandenburg is preparing for the demolition of the Water tower. Perras will be on site next week to perform the water disconnect. At this point Brandenburg doesn't have a concrete date for the demolition of the tower.

Brandenburg will be receiving railcars for clean metal, today.

Water Treatment operations are back up and running. Results of the first sample collect came back and were below the thresh hold limits. Therefore, Brandenburg was allowed to discharge the 17,800 gallons of treated water, to the Plant Treatment Systems with no issues.

Brandenburg will be collecting their second sample for water today.

Progress tracking figure sent around by Dan Casey from Arcadis, shows there is 597,500 square-foot of building that is completed as of 8/17/11.

Brandenburg shipped eight transformers yesterday and is excepting another truck today, to ship four more; therefore leaving just three more non-TSCA and the TSCA transformers on site.

Brandenburg continues to load out C&D as it is prepared. At this time, Riccelli's Trucks hauling C&D are the only trucking that Brandenburg can count on. Brandenburg has scheduled two trucks for today.

S&L has been on site to perform maintenance on the High Volume Samplers and miscellaneous activities for RACER.

Dan Casey from ARCADIS asked Brandenburg for the outstanding "plan" for the demolition of the water tower. Mike from Brandenburg indicated that we will try and provide the detailed plan tomorrow but was not committing to it. Dan Casey asked if there is anything ARCADIS or the Brandenburg Corporate Office could do to help; and Mike replied "No"

Dan Casey from ARCADIS requested that Brandenburg provide copies the As-built drawings, as soon as they received them from Perras

Brandenburg has shipped a total of 12,084 net tons of scrap and a total of 5,918 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 5008 net tons; of that, 2,477 net tons was soil from the cell #3 pile.

No update on off-site equipment.

3 Week look ahead:

- Demolition of the Chiller Building
- Structural Demolition and load-out of TSCA material
- Demolition of the Admin Building
- Mechanical disconnect of the water tower
- Electric disconnect on the water tower
- Demolition of the Water Tower the week of August 22. – Notification to the FAA of removal of structure.
- Material load out

Brandenburg implied they will have the entire building demolished by the end of September and have the slab cleaned by the second week of October. Brendan from RACER expressed his concern of the scheduled date of completion versus material left on site. Gary Basford indicated we need to get to what the real limiting factor is in loading out the TSCA material; Brandenburg,

ARCADIS and RACER agreed. There will be a follow-up call with Heritage, following this meeting.

Environmental Monitoring:

CAMP monitoring continues during demolition activities with no exceedances of site action levels established for particulate dust or volatile organic compounds.

In addition to CAMP monitoring, High Volume PCB Air Sampling also continues. During the monitoring period of August 10-11 analytical results for samples collected at Air 1 monitoring hit the near exceedance threshold for PCBs. This occurrence was very similar to the slight exceedance of the action level that was experienced during the period from July 26th-27th. The activities being performed and weather conditions were similar to that event. Further evaluation of site operations and site conditions during the August 10-11 event showed that high wind conditions likely contributed to the result. Based on data and wind direction observed during the sampling period, the Cell #3 soil loading operation was determined to be the likely source of the exceedance. Subsequent High Volume PCB Air Sampling analytical results were again below site action levels, indicating the event was of limited duration. Following receipt of the results, notifications were made to both RACER Trust and USEPA.

Arcadis continues to support the demolition project through waste characterization sampling, as needed. Results of wipe samples collected last week from a variety of scrap metals and copper were non-detect; deeming the material available for scrap. Results of samples collected from the copper cable containing an adhesive coating are expected next week.

Project Schedule:

Pending

Submittals

No outstanding submittals

Additional Site Work

- Pending Soil pile samples- should take about 3 days.

Open Discussion

Meeting adjourned at 9:45.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting August 25, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Richard Boelter, Julieann Wilson, Mike Massiello, Dan Kemp, Dan Casey, Tom Carey, Craig Arquette, Anne Kelly, John Williams, Barry Deitlien, Scott Parker, Dino Zack.

On the phone – Bobby Dease, Gary Bassford, Brendan Mullen, Peter Ouderkirk, Margaret Carrillo-Sheridan.

Meeting called to order at 9:00AM.

Health and safety:

Total Safe Man-hours: 60,100 (est) Total Man-hours: 60,100 (est.) Weekending: 08/20/2011

Site health and safety continues to be the top priority on site. No near misses to report.

Strong communication and awareness on site is at its strongest with total team involvement (Brandenburg, RACER, Security, and ARCADIS) all engaged.

The water tower came down yesterday. The emphasis on the safety and planning of the water tower demolition, paid off. Everything was very controlled and well managed with good clear communication from start to finish.

Site Demolition Activities

Structural demolition in the TSCA area is continuing. Brandenburg is currently removing bays in the "L" line as well as preparing TSCA material, to be shipped out.

Brandenburg has just completed demolishing the remainder of the ACM roofing that was in the main plant area; and has shipped all the ACM material off site.

Heritage has been on-site since last week; currently Heritage has a total of seventy-seven intermodal containers on site, with two more railcars expected tomorrow. Loading out of containers continues. The petroleum soil that was by "G" door has been loaded into Heritage boxes and shipped out.

Wire stripping operations are up and running.

Brandenburg is working to clear the road on the West side of the tower. Once the road is open, Brandenburg can proceed to the Admin building on the East side of the plant near the locker room area. There is presently ACM roofing located in that area, therefore Mark Perry from Op-tech and Erl Johnson from ARCADIS will be assisting in the monitoring and removal of the materials. From there, Brandenburg will be working their way into the Admin building working on the clean areas first and then working into the Westside; into the ACM roofing area with the objective of getting the Admin building completed by the end of next week.

Brandenburg has had a site truck on site all week moving material from admin demo to the main pad to clean up and maintain housekeeping.

Brandenburg will be completing the Crusher pit today; cleaning up the remainder of the miscellaneous debris, so that Perras and ARCADIS can complete the sampling of the pit.

Brandenburg continues to load out C&D and non-friable ACM material, as it is prepared.

Water samples collected for the second batch of BISCO treated water have come back below discharge limits; Brandenburg is awaiting results of the third batch, expected by Friday. To more data points below discharge limits are needed then pretreated water can be discharged to the plant's waste water treatment system uninterrupted, requiring a regular maintenance sample.

The ACM roofing over the Wire stripping area will be completed after the Labor Day break.

Heritage had eleven railcars with seventy-seven intermodal boxes delivered to the site early this week and two more railcars with fifteen intermodal boxes that came in last night; twenty-eight of which are in the queue for manifesting. Heritage is also expecting two more railcars to be delivered today. Brandenburg is currently focusing on debris from column line 29 that is not currently under cover averaging about five tons per intermodal box with the remainder of the weight coming from soil from the Cell #3 pile. Load-out of soil/TSCA material is going well at this time. Heritage goal is to continue working without a break in service until all TSCA is offsite; in doing so they are currently working with Allied Waste to finalize getting their boxes to the site to supplement Heritage boxes. The cars are currently staged in Quaker, P.A. and are awaiting final permissions for release. The fall back plan, if Allied Waste falls through is to pull Heritage boxes from other site to ours; in return having enough boxes to clean up the remainder of the TSCA waste on site. Removal of TSCA waste offsite is the priority and is expected to be completed by the end of September.

Water treatment system operations are up and functioning and the analysis are coming back in our favor; which is a good thing.

Utility reroute is completed; reroute work was finalized with the work that was done to isolate the water tower. All systems are up and running, with the water tower out of the loop. Brandenburg has not seen any impact to dust control in regards to water system changes.

As-built drawings are still a work in progress. Dan Casey from ARCADIS asked Gary Basford from Brandenburg to help with the execution of the drawings.

Per ARCADIS tracking Brandenburg has shipped a total of 12,988 net tons of scrap and a total of 6,164 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 5,757 net tons; of that, 2,956 net tons was soil from the cell #3 pile. In addition, Brandenburg has shipped four more transformers off-site for a total of twenty-three shipped off-site, to date; with only three transformers remaining. Brandenburg is in the process of striping off the outer shells because paint chip samples have come back greater than fifty ppm PCB. Complete details of the process; are a work in progress but will be conducted onsite.

There are currently now issues with offsite shipments to report with either trucking or rail.

Brandenburg is prepping the site for the potential affect of hurricane Irene expected between Sunday night and Monday.

At this time, ARCADIS is talking with a local contractor to create a schedule to get a couple pieces of equipment currently offsite, returned to the site for disposal.

3 Week look ahead:

- Demolition of the L-K line, proceeding down the West Side
- Structural Demolition and load-out of TSCA material
- Demolition of the Admin Building; to be complete by next week
- Material load out
- Completion of the Crusher Pit
- Crushing of concrete material

Dan Casey requested that Brandenburg provide the details of the process that they will be using to crush the concrete.

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust during the reporting period with the exception of a couple of elevated 15 minute TWA particulate dust measurements on Thursday, August 18, 2011, at the Work Perimeter #1 air monitoring station. The elevated measurements were above the 100 $\mu\text{g}/\text{m}^3$ action level when compared to background concentrations. Potential sources for these elevated concentrations were investigated and appear to be associated with high winds at the site (in excess of 20 mph) and insufficient watering of the non-TSCA demolition floor. Additional dust suppression measures were discussed with Brandenburg and implemented with no other exceedances observed. Particulate dust measurements at all other monitoring stations were below action levels for particulate dust and VOCs.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continued. During the monitoring period of August 11th-12th, analytical results for high volume PCB air samples collected at the Air 1 monitoring station indicated an elevated concentration of PCBs. When investigated, site conditions and activities associated with this occurrence appear very similar to those during the slight exceedances of the action level experienced during the monitoring periods from July 26th-27th and August 10th-11th. Further evaluation of site operations and site conditions during the August 11-12 event showed high wind conditions likely contributed to the result. Based on data and wind direction observed during the sampling period, the Cell #3 soil loading operation was determined to be the likely source of the exceedances. Subsequent High Volume PCB Air Sampling analytical results were again below site action levels, indicating the event was of limited duration. Following receipt of the results and discussions with Brandenburg, notifications were made to both RACER Trust and USEPA personnel (via the *RACER Trust Phase I Demolition –Remedial Action Project Exceedances/Near Exceedances Notification Action Documentation* form), which presents details of the event and corrective actions taken to prevent future occurrences.

ACM abatement monitoring is ongoing. ACM daily air monitoring results through August 20, 2011 are all below applicable action levels. ARCADIS is awaiting results of final clearance

samples associated with demolition activities of bays containing asbestos roofing materials performed during the period from August 19th-22nd. These bays passed a visual inspection conducted on August 23rd following completion of the demolition activity.

Arcadis continues to support the demolition project through performance of confirmation wipe sampling and waste characterization sampling. PCB analytical results of recent wipe samples collected from Copper and heavy equipment, including the 984 shear; were less than 10 µg/100 cm². ARCADIS has also received analytical results for three waste characterization samples collected from drummed oils with all results are within Industrial Oil Tank Services, Inc permit limits. Analytical results have been provided to Brandenburg.

PCB analytical results for confirmation wipe samples collected from Perras' equipment involved in the Thompson trespass are less than 10 µg/100 cm² indicating the equipment is acceptable for removal from the site.

Project Schedule:

Brandenburg committed to providing a completion schedule for the remainder of the project by tomorrow morning, with an accurate projection of all work and removal of equipment.

Submittals

- Model City- profiles for lab packs, in the works

Additional Site Work

- Pending Soil pile samples- To take place next week and should take about 3 days.
- FYI- September is quarterly sampling month.
- Concrete sampling on the Crusher Pit to be taken tomorrow.
- Per Craig Arquette from the SMT – Larry Thompson's Rubber Tire Back Hoe was deconned and samples were taken and submitted for results.
- ARCADIS is finalizing plans for the Trans Ind shipment
- Boilers in the basement will be out by the end of the day and will be shipped offsite by next week.

-

Open Discussion

Brandenburg's work schedule for next week will be Monday-Friday and have Saturday, Sunday, Monday and Tuesday of the following week off in observance of Labor Day.

Bobbie Dease questioned the preparations in light of the Hurricane that is expected to hit the area Sunday night and Monday of next week. Dan Casey for ARCADIS explained extra precautions are being taken in regard to general site conditions and making sure Cell #3 is secure.

Meeting adjourned at 9:50.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting September 1, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Richard Boelter, Julieann Wilson, Mike Massiello, Dan Kemp, Tom Carey, Craig Arquette, John Williams, Dino Zack.
On the phone – Bobby Dease, Brendan Mullen, Jason Gagun.

Meeting called to order at 9:00AM.

Health and safety:

Total Safe Man-hours: 62,835 (est.) Total Man-hours: 62,185 (est.) Weekending: 08/27/2011

Site health and safety continues to be the top priority on site.

Dust track and PID monitoring continues with no exceedences.

Strong communications continue onsite.

Arcadis commended Brandenburg on their preparations of the site, with hurricane Irene approaching. The site experienced thirty plus mile-an-hour winds with no disturbances' to materials,

Site Demolition Activities

Progress tracking figure sent around by Dan Kemp from Arcadis, shows there is 709,936 square-foot of building that is completed as of 8/31/11.

Material prep in the non-TSCA area is ongoing. The burning field is open and the shear work continues. Brandenburg continues to maintain the housekeeping and cleaning up of materials off the concrete floor.

Brandenburg has come down to column line 25; stopping there so that S&L can cut the power for the wire stripping operation and reroute it to the tunnel until the bays are down. The exterior walls in the TSCA area from column line LL up to column line G are being left up as long as possible.

Brandenburg continues to demo the Admin building with a couple different machines and the goal of completing the Admin building, by tomorrow.

Brandenburg has ordered enough Riccelle trucks to remove all the ACM and C&D material currently demoed onsite.; the goal is to have it all removed before the site shutdown for the long Labor Day weekend.

Material prep and housekeeping continues in the TSCA area. Brandenburg continues to cut the beams that are sticking out of the floor.

Brandenburg continues the burning of material in the TSCA area so that the material prepared can be loaded out.

Heritage has been on site loading several railcars and shipping out. There are currently seventeen intermodal left onsite to be loaded and shipped offsite today. There will be no cars delivered tomorrow; therefore Cell 3 will be closed until Heritage returns from the weekend break. At this time, Heritage has three railcars in route from Syracuse (to be delivered September 2), two cars in Cleveland Cullenwood (to be delivered Sept 5th), One car in Willard Ohio (to be delivered Sept. 5th), Seven cars in Avon Indiana (with a TBD date) and One car in Indianapolis (with a TBD date). Heritage also is expecting the rental car fleet consisting of forty car (four position cars, carrying one-hundred and sixty containers that are twelve feet tall with lids) coming out of Florence, South Carolina. Originally it was intended to pick up the fleet from Quakertown, PA but due to the large quantity of railcars in front of them, it would have take days to get them in the queue to be shipped; as well as the potential of interference from the railroad due to inspections because the cars have been sitting so long. The estimated delivery date is currently, the week of September 12th. Brandenburg indicated there is no concern for the delivery of the railcar onsite, while they are on a travel weekend; there is enough room on the track for at least ten railcars. ARCADIS expressed the concern of having firm dates on the delivery of the railcars or whether we can anticipate another demob and remob of Heritage due to a lack of Heritage cars.

Brandenburg is currently in the TSCA regulated structural steel portion of the Admin building. Brandenburg has established a pathway for those materials; so that they can place them in with the other stock piled, TSCA material that is located onsite.

Brandenburg's Water Treatment operation is going well. The results for the third round of treated batch water were received on Friday; the result came back with a TSS of 5.4 mg per liter; which is within the excitable limits. Therefore, the water was discharged. Brandenburg treated water again on Monday and the batch water from the fourth round was collected. The results were received yesterday and came back with a TSS at 4.4 mg per liter, which was again within expectable limits. In both instances, the Oil & Grease came back as non-dect. Therefore, Brandenburg is able to continually discharge water with periodic monitoring and sampling; to be conducted at a frequency of one sample per every five days of operation. Approximately eighty-thousand gallons of treated water has been released to date. Brandenburg will be able to process more water in a shorter time frame; with continues discharge of water.

Asbestos abatement continues in the Admin building; along with the Air monitoring associated with the abatement. The monitoring is being overseen by Erl Johnson from ARCADIS and Mark Perry from Op-Tech.

Utility reroute activities are complete for the site. ARCADIS requested the revisions of the As-built; Brandenburg agreed to follow-up.

Brandenburg has shipped a total of 14,644 net tons of scrap and a total of 6,625 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 7,207.74 net tons; of that, 3,871.97 net tons was soil from the cell #3 pile.

TSCA steel load out is 50% complete.

Brandenburg has scheduled a truck to pick-up the remaining Transformers from the site, on September 7th.

Brandenburg has yet to request any additional trucking for TSCA material. Brandenburg and ARCADIS will discuss the matter offline.

Brandenburg has scheduled five railcars to be delivered, every week for the remainder of the project; to remove clean material from the site.

All certificates of disposal for Heritage have been received, to date.

ARCADIS has scheduled a truck to pick-up TSCA steel being shipped to Trans-Ind, the truck will arrive Thursday, September 8th at 9:00a.m.

Brandenburg requested a list of the Off-site equipment that will be returning to the site.

3 Week look ahead:

- Demolition of the West Side Wall
- Structural Demolition and load-out of TSCA material
- Demolition of the Admin Building
- Material load out for both TSCA and Non-TSCA
- Completion of the "B" and "C" line

ARCADIS has received the overall schedule from Brandenburg; Additional details are required.

Brandenburg will be on-site tomorrow for eight hours and then will be off for the extended weekend (Sat/Sun/Mon/Tue) in observance of Labor Day. Brandenburg continues to prepare the site for the extended vacancy. Housekeeping has been a main focus with the upcoming weekend insight. Brandenburg will have the Dust Bosses running continually being monitored by Mark Perry from Op-tech. Mark will come in and refill the generator and will inspect the site periodically over the weekend. In case of an emergency, Mark Perry as well as Security will have a contact number for Mike Massiello, a supervisor for Brandenburg. Arcadis stressed the importance of covering all material and the creation of required berms.

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust during the reporting period with the exception of an elevated 15 minute TWA particulate dust measurements at WP2, which is downwind of the Admin building. After investigation of the situation, ARCADIS attributed the exceedances to the dust boss. The dust boss flow was going right over the monitoring station; upon repositioning the Dust monitor outside of the mist of the dust boss; reading resumed to normal levels.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continued. During the monitoring period of August 25th-26th, analytical results for high volume

PCB air samples collected at the Air 1 monitoring station indicated an elevated concentration of PCBs. An investigation into the matter continues.

ACM abatement monitoring is ongoing. ACM daily air monitoring results through August 27, 2011 are all below applicable action levels. ARCADIS received the final clearance samples associated with demolition activities of bays containing asbestos roofing materials performed during the period from August 19th-22nd; with no exceedances.

ARCADIS has received lab data confirming the equipment used by Larry Thompson at the ILF was properly deconned.

Project Schedule:

Brandenburg schedule has been provided and will be updated regularly.

Submittals

- Model City- profiles for lab packs, in the works
- As-built drawings – In process
- Metalico- in work

Additional Site Work

- Soil pile samples- Pending 17 sample results

Open Discussion

- Brandenburg will have Saturday, Sunday, Monday and Tuesday of the following week off in observance of Labor Day.
- Railcar delays and backup plan.
- BISCO site management issues/ BISCO to reduce size of crew next month.
- Running Deer to perform Crusher Pit demo- 2 or 3 days of crushing. No delay expected.

Meeting adjourned at 10:05 a.m.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

September 8, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Dan Casey, Peter Ouderkirk, Richard Boelter, Julieann Wilson, Mike Massiello, Dan Kemp, Craig Arquette, Mike Massiello, Jason Gagun.
On the phone – Bobby Dease, Brendan Mullen, Dino Zack, Anne Kelly.

Meeting called to order at 9:00A.M.

Health and safety:

Total Safe Man-hours: 65,127 (est.) Total Man-hours: 65,127 (est.) Weekending: 09/03/2011

Site health and safety continues to be the top priority on site.

According to an industrial Client that provides annual information on the rate and number of work related injuries, illnesses, and Fatal Injuries; September is the month in which there is a three-fold increase in fatalities over the last thirty years. Some Behavioral Scientists say it is contributed to the distractions that occur in our daily lives, from school start up to finishing projects before winter falls; therefore keeping our mind on the task at hand is very important.

ARCADIS reminded everyone to be careful regarding the high volume of traffic onsite.

Dino Zack reminded everyone to be cautious of the deer; when coming to and from work.

Strong communications onsite continue.

Site Demolition Activities

Demo is progressing through the Administration Building. Brandenburg will be removing the exterior facade wall on the west end of the building, which is the last bay that has ACM roofing on it. Once taken down and cleaned up, a clearance sample will be taken. The only ACM roofing left on site will be of the B/C line of the high bays located on the north side of the building.

Demolition is also progressing through the B/C line, currently there is only a skeleton left to demolish. Brandenburg is expecting to complete the B/C line by the end of the day tomorrow.

The only structure, that remains will be the two/four bays in the TSCA area and the remainder of the Admin building, which will be complete next Monday.

Material continues to be prepped to be transported offsite.

Four shipments of plate and structural scrap have been shipped this week.

Heritage is on site this week with railcars coming in and going out.

C&D material is being removed for the site on a daily bases.

Arcadis commended Brandenburg on their preparations of the site, regarding the travel weekend in observance of Labor Day. The site didn't experience any disturbances' to materials,

Progress tracking figure sent around shows there is 752,436 square-foot of building that is completed as of 9/1/11. ARCADIS is in the process of reconciliation the square footage completed by Brandenburg.

Brandenburg indicated that the Admin will be complete by Tuesday of next week.

ACM roofing from the Admin area will be complete today. Brandenburg will be complete with all ACM demo by the end of next week.

Brandenburg's Water Treatment operation is in its fourth day of continues operations. A sample will be taken tomorrow representing the first fifth day sample.

Utility re-route work is complete.

As-built drawings continue to be, work in progress.

Brandenburg indicated that all Transformers eligible to leave the site have left.

Brandenburg has shipped a total of 14,948 net tons of scrap and a total of 7,158 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 7,768.89 net tons; of that, 4,142.31 net tons was soil from the cell #3 pile.

Heritage received five more Railcars yesterday. Brandenburg will follow-up with feedback on when we should expect more Heritage Railcars.

Brandenburg is expecting five clean railcars a week, for the next three weeks.

Wire stripping is shut-down while the bays are currently demolished. Brandenburg will reconvene when the area is clear for work and the weather allows.

Trans-Ind is on-site picking up a pilot test load of TSCA impacted steel. The steel has been marked and therefore will be able to be tracked throughout the process. The approximate weight is about fourteen to eighteen ton, based on the pieces that were chosen.

Op-tech is on site doing lab pack work in the 90 day storage building and should be complete today.

Brandenburg is waiting on Metalico to let them know when they will be coming to the site to pick-up the lead acid batteries on site.

Offsite equipment is a work in progress.

3 Week look ahead:

- All structural material on the ground by Monday next week
- Completion schedule vs. shipment tracking to be provided to ARCADIS week

Environmental Monitoring:

Camp monitoring and High Volume sampling continue with no exceedances.

ACM abatement monitoring is also, ongoing with no exceedances. ACM daily air monitoring results through September 2, 2011 are all below applicable action levels

ARCADIS will collect a sample from the Brandenburg pre-treatment Water System tomorrow.

Also, the waste characterization samples ARCADIS took of the twenty-thousand pound of Copper, have come back non-dect and available for disposable.

Project Schedule:

Brandenburg provided a completion schedule for the remainder of the project. ARCADIS will be adding more details regarding punch list items to it.

Submittals

- Model City- profiles for lab packs -completed

Additional Site Work

- Soil pile samples- Pending 17 sample results
- Quarterly sampling will occur on Tuesday, September 13, 2011.
- Results for the samples taken for the Crusher Pit show very low levels of PCB's in the floor(<10 ppm) and non-detect on the walls.

Open Discussion

- United has one truck per day scheduled until further notice.
- Anne Kelly and Brenden Mullen will be on site next week.

Meeting adjourned at 9:33.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting September 15, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Dan Casey, Peter Ouderkirk, Richard Boelter, Julieann Wilson, Mike Massiello, Dan Kemp, Craig Arquette, Brendan Mullen, Dino Zack, Anne Kelly, John Williams, Mike Hill, Tom Carey.

On the phone – Jason Gagun, Gary Basford, Margaret Carrillo-Sheridan.

Meeting called to order at 9:00 A.M.

Health and safety:

Total Safe Man-hours: 67,085 (est.) Total Man-hours: 67,085 (est.) Weekending: 09/10/2011

Site health and safety continues to be the top priority on site.

Brandenburg indicated they will not bring on any new field staff and will keep the same management personnel until the end of the project.

Brandenburg focuses awareness for health and safety on site to the change in climate and environment, and outside pressures experienced by all this time of year.

Strong communications onsite continues.

Site Demolition Activities

Brandenburg reported that all the buildings are down with the exception of the two bays in the TSCA area, at the L/M line.

Material continues to be prepped to be transported offsite.

Brandenburg is taking one of the Shears currently in the TSCA area and is converting it over to a Universal set-up with a stick and Grapple. Once Heritages has more containers on site; Brandenburg will add the magnet so that they can use the machine to help load out TSCA material; along with the 924 that is currently in use.

Brandenburg shipped out five railcars with pre-pared P&S this week and is expecting five more clean railcars for next week.

Brandenburg continues to man their burn fields.

Brandenburg's Water Treatment operation is in its fourth day of continues operations. A sample will be taken tomorrow representing the fifth day sample.

At this time, Heritage has ten railcars enroute from Syracuse (to be delivered September 19) and two cars in Norwood (to be delivered September 19). Heritage also is expecting the rental car fleet consisting of forty car (four position cars, carrying one-hundred and sixty containers that are twelve feet tall with lids) coming out of Florence, South Carolina. Currently these railcars are still in Florence, South Carolina; with a delivery date yet to be determined. Heritage will follow-up on the estimated delivery date. Once noticed by CSX it is expected that the railcars will take one week to reach the site. Brandenburg also reported that based on the amount of cars that are currently on site and the railcars expected on the 19th a demob of Heritage through the weekend is unlikely.

C&D load out is ongoing.

United Scrap material load out has been consistent.

Brandenburg continues to ship material to Ben Weitsman's and Allmet.

Brandenburg indicated they will now have a dual load out area at door 16 and Isle 29 for TSCA material.

The two high bays that remain will be demo as soon as Brandenburg is able to remove or relocate the TSCA material located underneath the bay roofing. One bay is TSCA and the other is Non-TSCA.

Brandenburg will be demolishing the Cooling Tower when the garage area is complete.

The three remaining TSCA transformers have been processed. The shells have been cracked and the inner cores have been removed and salvaged as clean material and the shells remain in the TSCA area.

Lab packs were shipped and Metalico has picked up batteries.

Brandenburg is in the process of building barricades with snow fencing on the front of them for visibility; to put up in front of the crusher pits to satisfy the fall protection issue currently located there.

ACM is completed with the exception of one more load to be removed from the basement area. Once this last load is removed today; the site will be complete of all ACM materials on site. The last place that needs an ACM visual clearance is the basement.

The Brandenburg Water Treatment is up and running. ARCADIS received results from last week during continues discharge; the results came back non-dect for both Oil & Grease and TSS. Another sample will be collected tomorrow.

Last Saturday when Brandenburg was working in the High bay area near door 42; they found a Compressed Air line feed from the Water Treatment building that was live. Brandenburg crimped the end of the line coming into the manufacturing building and welded it shut; Perras is on site today to perform the disconnect of the line, from the Water treatment building.

S&L has been on site this week to reconnecting the power for the wire stripping. Wire stripping will take place on days with appropriate weather. With a full crew, Brandenburg indicated they have about a week worth of work left to complete their wire stripping needs.

Brandenburg has shipped a total of 15,743 net tons of scrap and a total of 7,897 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 8,953.28 net tons; of that, 4,931.41 net tons was soil from the cell #3 pile.

Brandenburg reported they believe they are on target for the TSCA load out; details to be discussed off-line.

Offsite equipment continues to be a work in progress.

3 Week look ahead:

- Dust management
- Prep & Load Balance of Scrap Material

- Cooling Tower demo
- Load out of TSCA Material
- Final Slab Clean Up
- Developing and Providing a Masonry Processing Plan.

Environmental Monitoring:

Camp monitoring and High Volume sampling continue with no exceedances.

ACM abatement monitoring is also, ongoing with no exceedances. ACM daily air monitoring results along with final clearance for the Admin area and the High bays were all within the acceptable limits.

ARCADIS will collect a sample from the Brandenburg pre-treatment Water System tomorrow.

Also, the waste characterization samples ARCADIS took of the Man lift have come back non-detect and available to be removed offsite.

Project Schedule:

Brandenburg is not anticipating any delays in the completion scheduled date. ARCADIS will be adding more details regarding punch list items to it.

Submittals

- ARCADIS has received and reviewed the submittal from Brandenburg for an additional scrap yard.
- ARCADIS received Brandenburg Dust management plan today
- Brandenburg is awaiting the spec sheets from Running Deer to complete and submit the Masonry Processing Plan to ARCADIS
- As-built continue to be a work in progress

Additional Site Work

- Soil pile samples- In review by EPA; no decisions have been made
- Outfall 004 Sampling will take place today

Open Discussion

- Trans Ind has been re-scheduled for early to mid-next week.
- Brandenburg requested the letter for the indemnification of TransInd

Meeting adjourned at 9:48.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting September 22, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Richard Boelter, Julieann Wilson, Mike Massiello, Dan Kemp, Craig Arquette, , Dino Zack, Tom Carey.
On the phone –Gary Basford, Brendan Mullen, Anne Kelly, Dan Casey.

Meeting called to order at 9:00 A.M.

Health and safety:

Total Safe Man-hours: 69,672 (est.) Total Man-hours: 69,672 (est.) Weekending: 09/17/2011

Site health and safety continues to be the top priority on site.

Near Miss- This morning there was a near miss incident, regarding a live wire on the ground identified by a Brandenburg employee; the investigation is ongoing and a full update will be given at the next meeting.

Site Demolition Activities

Brandenburg reported that all the buildings are down with the exception of the two bays in the TSCA area, at the L/M column line.

Brandenburg is presently cleaning the floor slab with Bobcat sweepers.

Load-out of TSCA material and Cell #3 soils continues.

Brandenburg continues to prep material to be shipped off-site.

Load-out of Railcars is ongoing.

C&D load out is ongoing.

At this time, Heritage has twenty-eight intermodal boxes on site to load out. The only set back now is the rental car fleet consisting of railcars coming out of Florence, South Carolina which arrived in Philadelphia without containers on them. Brandenburg will be holding a conference call later today with Heritage to figure out where the containers are and what the next course of action will be.

Brandenburg has stopped shipments of scrap metal to Massena Metals due to budget issues with the scrap yard.

As scheduled, Brandenburg received five railcars for clean scrap steel last week and five more rail cars this week. They had also ordered five for next week, which were delivered today. Brandenburg will be assessing the amount of clean scrap left onsite before placing another order, so that they do not order more rail cars than needed. Also, Brandenburg wants to make sure they have enough rail space for the arriving Heritage railcars.

Progress tracking figure sent around by Dan Casey from ARCADIS, shows there is approximately 842,600 square-feet of building that demolition is completed as of 9/21/11.

The Brandenburg Pretreatment System has been only operating during working hours, but is being set up to run around the clock on a twenty-four hour basis, beginning today.

As-built drawings continue to be a work in progress.

Brandenburg has shipped a total of 15,432.28 net tons of scrap and a total of 8,563.66 net tons of C&D/non-friable asbestos containing material. Also, the total weight of TSCA boxes shipped from the site is 10,927.54 net tons; of that, 5,969.78 net tons was soil from the cell #3 soil stockpile.

Brandenburg indicated that they do not see any issues with meeting the Phase I end date of October 22nd.

Brandenburg continues to work with Heritage, in getting to the bottom of the issue regarding the Allied TSCA railcars that are yet to arrive onsite.

Brandenburg is currently washing the concrete pads down with a sweeper and a fire hose. This process will help to control the dust and keep it to a minimum.

Trans Ind, Inc. is scheduled to be on site tomorrow between 8 and 9 AM to pick up a load of TSCA steel beams for treatment.

Based on Brandenburg's three-week look ahead, the masonry processing on site will begin the 2nd week of October. The current volume of the masonry pile is about 4,000-4,500 cubic yards, with more material to be added. Brandenburg is currently in the process of submitting the Crushing Plan. If no issues arise, crushing of the material should only take about a week. All materials will be separated and the clean scrap collected will be recycled and all other masonry material will be used to backfill the Crusher Pit. If the plans for the subcontractor Running Deer fall through, Brandenburg will bring their own Crusher from PA.

ARCADIS will give Brandenburg a punch list tomorrow for items to be completed by the end of Phase I.

Offsite equipment continues to be a work in progress.

3-Week look ahead:

- Dust management
- Prep & Load Balance of Scrap Material
- Load out of TSCA Material
- Final Slab Clean Up
- Developing and Providing a Masonry Processing Plan

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continues. During the monitoring period of September 12th-13th, analytical results for high volume PCB air samples collected at the Air 1 monitoring station indicated a slightly elevated PCB concentration. An investigation into the matter shows that the implemented corrective actions of previous incidences appear to be working. Of note on September 12th the site experience winds of 17 miles per hour but were not loading out Soil from the Cell #3 stockpile

and on the 13th the winds were up to 29 miles an hour which prompted the implementation of shutting down Cell#3 operations during sustained winds above 25 mph.

Final note on Asbestos abatement monitoring , ACM abatement monitoring on site has been concluded.

ARCADIS will collect a sample from the Brandenburg's pre-treatment system today. Of note, analytical results of samples collected from the 2nd period of BISCO's continuous treated water discharge came back within the acceptable levels for Oil and Grease and Total Suspended Solids (TSS).

ARCADIS will be conducting Waste Characterization sampling planned for today which includes the sampling of oil filters removed from building equipment and currently located in the 90-day storage building.

Metalico will be on site between tomorrow and Monday to pick up batteries to be shipped offsite. Based on the volume of batteries remaining, at least one more load is expected.

Project Schedule:

Brandenburg is not anticipating any delays in the completion scheduled date of October 22, 2011.

Submittals

- ARCADIS received Brandenburg's Dust management plan- review in process.
- Brandenburg is awaiting the spec sheets from Running Deer to complete and submit the Masonry Processing Plan to ARCADIS.
- As-built continue to be a work in progress.

Additional Site Work

- Outfall 004 Sampling have been received and forwarded to the EPA.

Open Discussion

- Phase II Pre-Bid site visit—Follow-up to come.
- RACER Trust owes Brandenburg a Letter of Indemnification for the Trans Ind. load.
- Offsite transportation- more news to come.

Meeting adjourned at 9:51.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting September 29, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Richard Boelter, Julieann Wilson, Mike Massiello, Craig Arquette, Dino Zack, Tom Carey, John Williams, Jason Gagun, Barry Dietlein, Dan Casey, Matthew Pingitor.

On the phone – Dan Kemp, Brendan Mullen, Anne Kelly, Margaret Carrillo-Sheridan.

Meeting called to order at 9:00 A.M.

Health and safety:

Total Safe Man-hours: 71,822 (est.) Total Man-hours: 71,822 (est.) Weekending: 09/23/2011

Site health and safety continues to be the top priority on site.

Brandenburg continues to hold their daily Safety tailgate meetings with emphasis on Health and Safety of everyone onsite.

Near Miss- On the 22nd of September a Brandenburg employee observed a cable on the ground near the Cell 3 soil pile; at which he was working. Work was stopped; radio dispatch was preformed and contact was made to Dave Grant. A work area inspection was performed by John Williams and Dave Grant; the wire was found to be coming from a pole in which was used to energize office trailers, that were previously removed from service. The wire was immediately de-energized and a follow up discussion occurred with all involved. Corrective action was taken and other hazards were identified. S&L electric was called in to clean up the electric panel and it was re-labeled with the appropriate labels. All corrective actions have been completed. ARCADIS has received the near miss paperwork from Brandenburg and are in the process of reviewing it; and will follow up with feedback.

Observations continue to be reported in the field.

Brandenburg and ARCADIS both have had safety audits performed during Phase I of this project.

Site Demolition Activities

Brandenburg reported that all the buildings are completely down. The last two bays were taken down this week.

All material on site has been classified.

Clean up of the Cooler Tower pad, Chiller Building and the Crusher Pit has occurred. Inspection and sign off for cleanness of the Crusher Pit was completed this week by Brandenburg, Dino Zack, Tom Carey and Dave Grant. Brandenburg still needs to put drainage holes in the floor of the Crusher Pit before it is deemed complete. Load-out of TSCA material and Cell #3 soils continue.

Brandenburg continues to prep material to be shipped off-site.

Load-out of Railcars is ongoing; Brandenburg has shipped seven clean railcars out this week.

C&D load out is ongoing.

Brandenburg continues to man their burning field.

Brandenburg is currently at a standstill with railcars because of issue within CSX.

Manpower head count for Brandenburg to date is as followed:

- 14 –Labors
- 10- Operators
- 1- Mechanic
- 3 Supervisors
- 1-Admin
- 1- Project Manager
- 1-Safety Officer

Brandenburg has started cleaning and sorting the concrete pile in preparation for Running Deere to come onsite.

Cleaning of the tunnels as well as removal of the pipe work has begun this week.

The Brandenburg Water Treatment System is currently pumping on an as needed basis. All water in the tunnels to this point has been pump down.

Utility re-routes have been completed.

As-built drawings are a work in progress. Brandenburg has sought the help of their CAD support to help review the drawings.

Brandenburg has shipped a total of 16,292 net tons of scrap and a total of 8,775 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 11,961.07 net tons; of that, 6,427.9 net tons was soil from the cell #3 pile.

Estimated remaining TSCA onsite is about 4,500 NT; based on the railcars in the queue there will have enough capacity to remove all remaining TSCA onsite.

Brandenburg walked around the site yesterday and took an inventory of the segregated piles left onsite, to be shipped out. The majority of which will be shipped offsite by trucks

United Scrap has 5 or 6 trucks scheduled for this week.

Brandenburg's trucks will be hauling stainless steel to Philadelphia this week.

Brandenburg will be assess the remaining plate and structural material left onsite and will order more clean railcars based on their findings.

Heritage is expecting a shipment of 57 containers and 36 Allied Waste containers to be delivered to the site today.

Discussions of the soil over 6,000 NT will take place offline with Brendan Mullen, Dan Casey and Jason Gagun.

A punch list has been shared amongst all and will be a working document from here on out.

Offsite equipment will start to come back onsite starting tomorrow.

3 Week look ahead:

- Prep & Load Balance of Scrap Material

- Load out of TSCA Material – Allied Waste
- Final Slab Clean Up
- Masonry Processing
- Punch list items

ARCADIS has received the Masonry Processing plan from Brandenburg. ARCADIS will expedite the review process and provide Brandenburg with feedback.

Brandenburg indicated processing of the concrete will take about a week. They are proposing that they crush the material right into the pit.

Final slab cleanup is progressing nicely.

Brandenburg is reporting one more small C&D pile left onsite; once remove there should be only one or two more trucks needed to remove all remaining C&D onsite.

The remaining Universal Waste will be shipped offsite the second half of next week.

ARCADIS is currently looking at the waste profiles for all remaining waste in the ninety-day storage building. They are assessing the material to make sure they can leave site, based on the profile already established; once complete removal of the materials in the ninety day storage will proceed.

Material shipped to Trans Ind. was received on the 24th of September. ARCADIS is currently awaiting a burn date; in which is expected to be received within the next two weeks. Once processed, ARCADIS will send someone out to perform wipe samples on the material.

ARCADIS will be sampling the tunnels as soon as conditions are deemed appropriate.

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continues. During the monitoring period of September 20th, analytical results for high volume

PCB air samples collected at the Air 1 monitoring station indicated an elevated concentration of PCBs. An investigation into the matter shows that the implemented corrective actions of previous incidence are working and are continuing to be use. The operational shutdown of work on Cell #3, when winds are sustained at fifteen mile per hour or higher is the obvious measure being taken.

ARCADIS had collected another sample from the Brandenburg's pre-treatment Water System on the twenty-seventh; which was two days ago and are expecting the results today.

The Brandenburg Bob Cat and Sheer that failed the wipe test last week; have been re-cleaned; and sampled results are pending.

ARCADIS had conducted Waste Characterization samples of Oil filters and Oil drums last week and are awaiting results that are expected this Friday.

Project Schedule:

Brandenburg is not anticipating any delays in the completion scheduled date of October 21, 2011. TSCA load out is expected to be complete 10/8/2011 with a hard date of 10/16/2011. Heritage will be introducing another (third) Yard Dog next week, to help with TSCA load out.

Submittals

- As-built continue to be a work in progress
- Op-tech is finalizing their Asbestos Abatement Report and will submit to Brandenburg by the beginning of next week.
- Certificates of reclamation to be discussed offline

Additional Site Work

- Phase II – Bid due dates were pushed out to October 14th. ARCADIS continues to work through terms and conditions; final clarifications to bidder will follow.
- Bid reviews will take place for third weeks following.
- Phase II Bid to be awarded November 4th.
- Additional site visit from potential contractor –next week

Open Discussion

- Offsite disposal –Heritage
- C. Arquette- the site continues to be closely monitored by the local community.

Meeting adjourned at 9:57.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

October 6, 2011

Meeting Minutes

In attendance: Present on site - Dave Grant, Richard Boelter, Julieann Wilson, Mike Massiello, Craig Arquette, Tom Carey, John Williams, Barry Dietlein, Dan Casey, Matthew Pingitor, Brendan Mullen.

On the phone – Dan Kemp, , Anne Kelly, Margaret Carrillo-Sheridan, Dino Zack, Jason Gagun, Gary Basford.

Meeting called to order at 9:00 A.M.

Health and safety:

Total Safe Man-hours: 74,174 (est.) Total Man-hours: 74,174 (est.) Weekending: 10/02/2011

Site health and safety continues to be the top priority on site.

Man-power on site is going to be decreased as work gets completed.

Observations continue to be reported and everyone is showing interest in being safe on the job.

More inspections and attention is being given to keep the crew focused.

Brandenburg continues to put up cabling and barriers as the slab is cleaned up and more area becomes available; to protect everyone from potential slips, trips and fall hazards. This activity continues to be a positive, work in progress.

Site Demolition Activities

Brandenburg continues to clean up the site on a daily bases.

Preparation of materials to be shipped off-site is ongoing.

Brandenburg's and United Scrap trucks will be onsite to ship scrap to the landfill.

Brandenburg continues to maintain the piles on site; so that they can identify how much is left on site, to be shipped out.

Three P&S railcars were delivered today and more are expected.

Cleaning of the tunnels as well as removal of the pipe work, will be complete this week.

Housekeeping is ongoing.

Brandenburg is focused on addressing the items on the punch list in addition to waste load and other typical work.

Cleanup and segregation of miscellaneous material is ongoing.

Photo's sent around by Dan Casey show the condition of the slab at this point and the remaining piles on site.

Brandenburg indicated processing of the concrete has begun in preparation for Running Deere, to come on site.

Brandenburg will performing solid debris cleanup in the North Road Tunnel as well as in the Small and Large Die cast tunnels. Everything within the Small and Large Die cast Tunnels will be processed as TSCA material.

Heritage is currently showing 85 intermodal in the Massena yard and 11 Allied Waste in the queue. By mid-week next week all TSCA material should be shipped offsite.

Brandenburg indicated that by the end of next week only minimal piles of clean scrap will remain.

Final slab cleanup is progressing nicely.

Masonry Processing will be the key component on site after all TSCA is removed.

The 973 in the TSCA area is now out of commission due to mechanical failure but Brandenburg has brought up another 973 to replace it.

Brandenburg continues to decon equipment from both TSCA and non-TSCA areas.

Today is day 2 of cycle 5 for Brandenburg's Waste Water Treatment. Brandenburg had 3 foot of water in the tunnels and now only has inches. It only took about 36 hours to drain down about 300,000 gallons of water.

Dan Kemp from ARCADIS spoke with Steve Fenyes from Trans Ind. and he confirmed a burn schedule for October 17-18. Confirmation samples will be collected October 18th by an ARCADIS technician.

A punch list has been shared amongst all and is a working document.

No update on offsite equipment.

As-built drawings are a work in progress. Brandenburg has sought the help of their CAD support to help review the drawings.

Brandenburg has suspended the pad wash down, at this point.

3 Week look ahead:

- Prep & Load Balance of Scrap Material
- Load out of TSCA Material – Allied Waste
- Final Slab Clean Up
- Masonry Processing – Running Deere
- Punch list items

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continues. During the monitoring period of September 22th, analytical results for high volume PCB air samples collected at the Air 1 monitoring station indicated an elevated concentration of PCBs above the evaluation level; There were no exceedances for the period.

ARCADIS have conducted Waste Characterization samples on a couple Oil drums yesterday are awaiting results that are expected the 13th.

Project Schedule:

- Masonry Processing -start up 10/10/11

- TSCA load out to be complete- Mid next week

Brandenburg may be extending their date of completion beyond the October 21, 2011 date, depending on completion of punch list items.

Submittals

- As-built continue to be a work in progress
- Op-tech has finalizing their Asbestos Abatement Report and provided it to Brandenburg. Jason indicated that he will upload it to the web portal tomorrow. (10/7/11).
- ARCADIS has requested outstanding documentation from Brandenburg for inclusion in the final report

Additional Site Work

- Phase II – Bid due dates were pushed out to October 14th. ARCADIS continues to work through terms and conditions; final clarifications to bidder will follow. Last day for questions is October 10th.
- ARCADIS will be sampling concrete when access is safe.

Open Discussion

Meeting adjourned at 9:30.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

October 13, 2011

Meeting Minutes

In attendance: Present on site - Richard Boelter, Julieann Wilson, Mike Massiello, Craig Arquette, Tom Carey, Dan Casey, Matthew Pingitor, Dan Kemp

On the phone - Dino Zack, Gary Basford, Dave Grant,

Meeting called to order at 9:00 A.M.

Health and safety:

Total Safe Man-hours: 76,527 (est.) Total Man-hours: 76,527 (est.) Weekending: 10/09/2011

Site health and safety continues to be the top priority on site.

Brandenburg will be hosting another Safety recognition luncheon today.

Strong communication and awareness on site is at its strongest with total team involvement (Brandenburg, RACER, Security, and ARCADIS) all engaged; maintain this level of attention is crucial for management to drive as it will be a challenge through the remainder of the project.

Site Demolition Activities

Brandenburg continues to clean up the site on a daily bases.

Prepared material has been loaded out into Brandenburg railcars, this week and more railcars are expected to be delivered next-week.

Brandenburg has devoted five of their trucks to the site, to load-out material. All sheet metal that was being sent to Ben Weitzman's has been removed. Therefore, Brandenburg will be sending a few trucks to Philadelphia loaded with scrap metal delivering to Morris Iron and Metal; the other truck will be taking parts and accessories back to Bethlehem.

Brandenburg has cleaned out the Butler building's temporary 90-day storage. They removed the inventory that could be disposed of onsite, based on sample collected; all other inventory

was moved to original 90-day storage area. Brandenburg is currently in the process of coordinating the removal of the remaining inventory in the Butler Building.

Brandenburg continues to clean of the tunnels as well as removal of the pipe work.

Issues continue to exist with CSX; there doesn't seem to be a consistent reason for their lack manpower or delivery of railcars. With that said, Heritage did receive a commitment from the Railroad saying that they will deliver 16 railcars to the site today. Included in the shipment are both Heritage container and Allied Waste containers. If enough Allied Waste containers are received today, it should supply enough capacity to remove, the remaining TSCA metal on the pad.

Cell #3 load-out continues.

Brandenburg indicated processing of the concrete is complete and is ready for the Crusher to come onsite.

On days that the weather permits, Brandenburg uses the Bobcat Sweeper to clean the pad.

Brandenburg reported that the Administration area is 100% complete.

The Masonry processing update is that Running Deere will not be processing the material. Brandenburg's currently researching either renting a Crusher locally or will pull one off another job site; either way crushing of concrete will begin by next Wednesday. Brandenburg indicated crushing of the concrete should not take more than a week.

While trying to prep the Crusher Pit, Brandenburg attempted to perforate the bottom of the slab but was unsuccessful because the slab is 5 foot thick and Brandenburg was not able to penetrate it. They did however, penetrate the side walls at the base of the slab (2 in the West wall and 1 in the North wall) and in doing so, water started to flow back into the pit. As of today, there is about 7 foot of water on the bottom, which has surpassed the machine foundation. Brandenburg indicated they will start pumping the water out on Monday to prep for backfilling the pit. Once the water is pumped off ARCADIS will assess the pit again.

Today is day 5 of cycle 5 for Brandenburg's Waste Water Treatment. ARCADIS will be collecting a sample of the water after this meeting. Brandenburg is currently running the

system until the tunnel systems are dry without burning out their pumps; but indicated they will make arrangements to wash down the tunnels and make sure they are completely dewatered before the end of the Project.

Dan Kemp from ARCADIS spoke with Steve Fenyes from Trans Ind. and he confirmed a burn schedule for October 17-18. Confirmation samples will be collected October 18th by an ARCADIS technician.

A punch list has been shared amongst all and is a working document. Brandenburg continues to work down the list to insure completion of all items.

ARCADIS requested further details from Brandenburg regarding the final capping of the tunnels; details of which will be discussed offline.

ARCADIS has made final coordination arrangements regarding offsite equipment. All equipment will be returned to the site next week barring anything unforeseen. All equipment will be removed from the site as TSCA material. ARCADIS continues to work out the details of the refund checks.

Utility re-routes are completed.

As-built drawings continue to be a work in progress.

3 Week look ahead:

- Prep & Load Balance of Scrap Material
- Load out of TSCA Material – Completed by Monday
- Final Slab Clean Up
- Masonry Processing
- Punch list items
- Heritage load-out of soil from Cell #3

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continues. During the monitoring period of September 30th-October 1st, analytical results for high volume PCB air samples collected at the Air 1 monitoring station indicated an elevated concentration of PCBs; established corrective actions continue to be used.

ARCADIS received the sample results back from Oil drums sampled last week and have forwarded the results to Brandenburg. Only one drum consisted of elevated halogens. Wipe samples continue to be collected in support of Waste Characterizations. Sample results collected for Copper are expected on Monday.

ARCADIS will be collecting another sample from Brandenburg's pre-treatment Water System today.

Project Schedule:

- Masonry Processing -start up next week.
- TSCA load out to be complete- next week

Update: CSX will be delivering 12-Allied railcars and 4-Heritage today, by 2P.M.

Brandenburg may be extending their date of completion beyond the October 22, 2011 date, depending on completion of punch list items.

Submittals

- As-built continue to be a work in progress
- Op-tech has finalizing their Asbestos Abatement Report and provided it to Brandenburg. It can now be accessed from the Web Portal.
- ARCADIS has requested outstanding documentation from Brandenburg for inclusion in the final report. Request will be forwarded to Gary Basford-per his request.

Additional Site Work

- Phase II – Bid are expected tomorrow.
- ARCADIS will be sampling concrete when access is safe.

Open Discussion

- Concern of offsite shipments
- Wire Stripping –to be abandoned
- 2 -Distinct efforts are ongoing onsite right now-
 1. Phase 1 –completion
 2. Cell #3 load out
- 296 tons of soil has been shipped offsite this week.
- RACER will be shutting down the Mill Water Supply in the evenings to save energy.

Meeting adjourned at 9:46.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting October 20, 2011

Meeting Minutes

In attendance: Present on site - Richard Boelter, Mike Massiello, Craig Arquette, Tom Carey, Dan Casey, Matthew Pingitor, Dave Grant, John Williams, Peter Ouderkirk, Brenden Mullen.

On the phone - Dino Zack, Anne Kelly, Jason Gagun, Dan Kemp.

Meeting called to order at 9:00 A.M.

Health and safety:

Total Safe Man-hours: 78,935 (est.) Total Man-hours: 78,935 (est.) Weekending: 10/16/2011

Site health and safety continues to be the top priority on site.

At this point the pad is almost cleared off and it is real hard to determine where the pits and sumps exist when looking across the open pad. A lot of work and attention has gone into preventing slips, trips and falls with identifying the hazards with cones and barriers. There is currently 20 acres of open pad. A word of caution to all walking around the pad; be aware of the hazards that exist.

Site Demolition Activities

Brandenburg continues to clean up the site on a daily bases removing all material prepared, both by truck and by rail.

Brandenburg currently has four railcars onsite that will be filled with prepared material and shipped offsite today. Brandenburg's trucks continue to transport material offsite.

Brandenburg indicated that the crusher operation is up and running.

Slab cleanup in the TSCA slab continues.

Brandenburg is currently deconing equipment from the TSCA area to be sampled and shipped offsite.

Brandenburg indicated there is only one more railcar of unprepared material to leave the site, all the rest will be shipped out as prepared material.

Three or four truck loads of scrap material remain to be shipped to United Scrap, next week.

The large die cast tunnel is ready for a final wash-down. The small die cast tunnel on the other hand still has not been started yet. Brandenburg indicated that all remaining material in the Small Die cast Tunnel will be disposed in a Heritage container.

Brandenburg has shipped a total of 17,379.52 net tons of scrap and a total of 9,029.29 net tons of C&D/non-friable material. Also, the total weight of TSCA boxes shipped from the site is 18,138.71 net tons; of that, 10,945.68 net tons was soil from the cell #3 pile.

Today is day 3 of cycle 6 for Brandenburg's Waste Water Treatment. Most of the water processed the last two days has been water that was removed from the crusher pit. Brandenburg is currently running the system until the tunnel systems are dry without burning out their pumps; but indicated they will make arrangements to wash down the tunnels and make sure they are completely dry before the end of the project.

The State has approved the backfill of the Crusher Pit.

Dan Kemp from ARCADIS spoke with Trans Ind. and they confirmed the material was treated on October 17. Confirmation wipe samples were collected October 19th by an ARCADIS technician. Analytical results for the samples take are expected on October 27th.

A punch list has been shared amongst all and is a working document. Brandenburg continues to work down the list to insure completion of all items.

ARCADIS continues to make final coordination arrangements regarding offsite equipment. ARCADIS also continues to work out the details of the refund checks for off-site equipment.

Utility re-routes are completed.

As-built drawings continue to be a work in progress.

Brandenburg will be providing ARCADIS with a full report of the details they have for all the utility reroutes onsite, tomorrow.

Brandenburg indicated they are about 70-75% finished with cleaning up the concrete pad.

Equipment decons and ship-out is a daily occurrence at this time.

The masonry processing has begun with Brandenburg's own crusher onsite; The crusher was mobbed to the site on Monday and processing of the material started on Tuesday.

Brandenburg has not had any issues with processing the concrete to spec (3" minus).

Brandenburg originally estimated the completion time to be one week but is currently looking at extending that time to Monday or Tuesday next week.

3 Week look ahead:

- Prep & Load Balance of Scrap Material
- Load out of TSCA Material – Completed by Monday
- Final Slab Clean Up
- Masonry Processing
- Punch list items
- Heritage load-out of soil from Cell #3
- Removal of equipment from site
- Housekeeping

Brandenburg and ARCADIS are currently reviewing the details regarding the final capping of the tunnels; details of which are a work in progress.

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continues. During the monitoring period of September 8th-October 9th, analytical results for high volume PCB air samples collected at the Air 1 monitoring station indicated an elevated concentration of PCBs; established corrective actions continue to be used.

ARCADIS received the sample results back from Water samples collected on October 13, 2011, from the BISCO Water Treatment System; with results that met the parameters for TSS and Oil.

Wipe samples take of Brandenburg's 973.came back negative for PCB's and was cleared to be removed from site.

Results have been received for the Oil drums sampled on October 12th ARCADIS is currently reviewing the results.

Wipe samples continue to be collected in support of Waste Characterizations. More samples are expected to be collected for copper.

Project Schedule:

Brandenburg will be extending their date of completion beyond the October 22, 2011 date, to complete all the punch list items and items listed in the 3 week look ahead.

Submittals

- Constant sharing of files between Brandenburg and ARCADIS on project files is continuing
- Brandenburg will provide documentation for their air sampling by two weeks of the end of the project.

Additional Site Work

- Phase II – Bids were received last Friday and are in the misted of being reviewed with an award being announced November 4th,
- ARCADIS will be sampling concrete mid to late next week. Sampling of the concrete should take about a week, depending on man-power availability.

Open Discussion

Meeting adjourned at 9:31.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

October 27, 2011

Meeting Minutes

In attendance: Present on site - Mike Massiello, Craig Arquette, Tom Carey, Matthew Pingitor, Dave Grant, JulieAnn Wilson.

On the phone - Dino Zack, Anne Kelly, Jason Gagun, Dan Kemp, Brendan Mullen.

Meeting called to order at 9:00 A.M.

Health and safety:

Total Safe Man-hours: 81,635 (est.) Total Man-hours: 81,635 (est.) Weekending: 10/23/2011

Site health and safety continues to be the top priority on site.

Brandenburg continues to keep everyone from becoming complacent as Phase I comes to a close. Keeping everyone focused on the task at hand and safe while doing so, is the main priority.

Brandenburg has hosted several Safety luncheons for Safe hours worked on the project.

ARCADIS commended Brandenburg on the number of Safe man-hours on the project.

ARCADIS reminded Brandenburg of the potential safety concerns coming, with the daylight hours becoming shorter and the winter conditions starting to set in.

Site Demolition Activities

Brandenburg indicated that the Crusher operation will be ongoing throughout the day and is expected to be completed by tomorrow. Brandenburg will be washing the Crusher as soon as the crushing is complete and will be removing it from site on Monday, October 31st.

THE TSCA tunnel cleanout is ongoing.

The Large Die cast Tunnel is about 75-85% complete and approved with the final wash-down. The Small Die cast Tunnel is next on the list to be completed.

Brandenburg is currently decontaminating equipment from the TSCA area to be sampled and shipped offsite.

Brandenburg's trucks continue to transport material offsite.

Brandenburg will have more material to ship to United Scrap as soon as their trucks become available.

Brandenburg is expecting a railcar to be delivered today to load out the remaining miscellaneous unprepared material left on site.

Slab cleanup in the TSCA slab continues.

Brandenburg continues to perform perimeter clean up of the site.

A punch list has been shared amongst all and is a working document. Brandenburg continues to work down the list.

Today is day 1 of cycle 7 for Brandenburg's Waste Water Treatment.

Brandenburg indicated they are about 95% finished with cleaning up the TSCA concrete pad; the only area that remains is the area that the decontamination of equipment is being performed. Cleaning of the non-TSCA area will follow.

Dan Kemp from ARCADIS spoke with Trans Ind. last week and confirmed that the materials (structural steel beams) were treated on October 17th. Following treatment (October 19th), an ARCADIS field technician collected confirmation wipe samples for PCB analysis. Analytical results for each of the wipe samples indicate that PCBs were less than the reporting limit of 1.0 microgram per 100 cubic centimeters.

Brandenburg has shipped a total of 17,944 net tons of scrap and a total of 9,029.29 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 20,577.44 net tons; of that, 12,647.65 net tons was soil from the cell #3 pile.

No update on offsite equipment.

Brandenburg has sent around the As-Built Drawings to Dan Casey, Brendan Mullen and Dave Grant. Jason indicated that will send a copy to Dan Kemp.

3 Week look ahead:

- Prep & Load Balance of Scrap Material
- Load out of TSCA Soil from SP-3- to be completed today
- Final Slab Clean Up
- Punch list items
- Small Die cast tunnel- pipe removal
- Sealing of the East side of the Crusher Pit
- Removal of equipment from site

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continues. No exceedances of the action levels were reported. During the monitoring period of September 8th-October 9th, analytical results for high volume PCB air samples collected at the Air 1 monitoring station indicated an elevated concentration of PCBs; established corrective actions continue to be used.

ARCADIS continues to support Brandenburg with the confirmatory wipe samples of equipment in the TSCA area.

Results of the Copper/Aluminum wipe sample collected last week, reported non-detect for PCB's and was cleared for disposal.

ARCADIS has collected the sixth sample of the BISCO Water Treatment System for continues discharged.

Project Schedule:

Brandenburg will be extending their date of completion beyond the October 22, 2011 date, to complete all the punch list items and items listed in the 3 week look ahead.

Submittals

- Brandenburg submitted their proposal for the closure of the tunnel entrances.
- Brandenburg submitted their proposal for the installation of steel plating to secure openings in the concrete floor slab. ARCADIS has requested Brandenburg provide additional related information and is currently working with Brandenburg to provide the remaining information needed for an evaluation of the submittal.

Additional Site Work

- Phase II – Bid were received last Friday and are in the midst of being reviewed with an award being announced November 4th,
- ARCADIS will be sampling concrete mid to late next week. Sampling of the concrete should take about a week, depending on man-power availability.

Open Discussion

Arcadis is working with Heritage to see what is needed to amend their Profile to include material from Cell #2.

Meeting adjourned at 9:32.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

November 03, 2011

Meeting Minutes

In attendance: Present on site - Mike Massiello, Craig Arquette, Tom Carey, Matthew Pingitor, Dave Grant, JulieAnn Wilson, Jason GaNun, Dan Casey, Richard Boelter.

On the phone - Dino Zack, Anne Kelly, Dan Kemp, Brendan Mullen, Margaret Carrillo-Sheridan.

Meeting called to order at 9:00 A.M.

Health and safety:

Total Safe Man-hours: 83,590 (est.) Total Man-hours: 83,590 (est.) Weekending: 10/30/2011

Site health and safety continues to be the top priority on site.

Brandenburg continues to keep everyone from becoming complacent as Phase I comes to a close. Keeping everyone focused on the task at hand and safe, is the main priority.

Time Change will begin this Sunday with rolling the clocks back by one hour; in which will result in the site being completely dark by 5 PM. Adjustments to work schedules will occur based on the availability of daylight hours.

Site Demolition Activities

Brandenburg continues to clean up the site and its perimeter, along with addressing punch list items.

Slab cleanup in of the non-TSCA area continues with the Bobcat.

Brandenburg completed the crushing of the concrete last week so there is a pile of crushed material onsite.

Removal of the remainder of the pipes in the small Die cast tunnel will be complete soon with the wash-down of the tunnel to follow.

Material continues to be loaded out via Brandenburg, Riccelli's and United trucks.

Heritage containers continue to be loaded out with soil, in which is being collected from the Cell #2 area. Heritage currently has 122 contains that are projected to the delivered to the site.

Brandenburg headcount onsite is currently:

- 12-Labors
- 5- Operators
- 1-Admin
- 1-PM
- 1-Safety
- 1-Mechanic
- 2-Supervisors

Brandenburg indicated they will be cutting their work force by 1-operator and 1-Labor, tomorrow.

At this point, the Large Die cast tunnel is done. The Small Die cast tunnel needs a final washed down, which will be completed today and inspected by ARCADIS' before it can be called complete. Brandenburg indicated the Small Die cast tunnel will be complete by next Tuesday.

Brandenburg indicated the remaining material onsite will removed by early next week.

Floor cleaning operations are ongoing and will be complete next week.

Brandenburg will re-establish the berms that will remain.

Completion of the capping of the penetrations out on the pad continues to be a work in progress.

ARCADIS is currently reviewing the drawings submitted by Brandenburg regarding the openings and access points to the tunnel systems. ARCADIS has requested that Brandenburg provided dimensions on the various openings and size plates they are proposing to use. Jason GaNun from Brandenburg indicated that he will be providing the information request by later today or tomorrow.

At this time, the Western Crusher Pit has been completely backfilled. ARCADIS has elected to keep the steel plating on the Eastern Crusher Pit.

A punch list has been shared amongst all and is a working document. Brandenburg continues to work down the list.

All material in the Butler building has been profiled. Brandenburg is currently arranging for the removal of the remaining material to be shipped offsite.

American Lamp was here Tuesday of this week and removed bulbs and PCB ballasts, along with mercury switches. The only other Universal material left on site is the Oils and Fire Extinguishers; removal of these items will occur next week.

By the end of next week Brandenburg will have the large majority share of all tasks completed.

Communications remain open between ARCADIS and Brandenburg, as the end of Phase I comes to a close.

Water management will be managed and directed to the WWT system once the Brandenburg WWT system is disconnected.

Brendan Mullen is currently discussing issues with Alex Partners in regards to the offsite equipment.

ARCADIS is currently reviewing the As-built drawings submitted by Brandenburg.

1 Week look ahead- discussed above.

Brandenburg has shipped a total of 18,174 net tons of scrap and a total of 9,029.29 net tons of C&D/non-Friable material. Also, the total weight of TSCA boxes shipped from the site is 21,161.11 net tons; of that, 13, 561.98 net tons was soil from the cell #3 pile.

Heritage currently has 20 intermodal boxes left onsite with 122 that are in the queue to arrive onsite.

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continues. No exceedances of the action levels were reported.

ARCADIS continues to support Brandenburg with the confirmatory wipe samples of equipment from the TSCA area.

Results of the sample taken from the Masonry pile collected last week are expected to be received today.

ARCADIS collected BISCO Water Treatment System samples Monday and will receive the results later today.

ARCADIS has proposed cutting down on the CAMP monitoring. The proposal is currently being reviewed internally.

Submittals

- Brandenburg submitted their proposal for the closure of the tunnel entrances.
- Brandenburg submitted their proposal for the installation of steel plating to secure openings in the concrete floor slab. ARCADIS has requested Brandenburg provide additional related information and is currently working with Brandenburg to provide the remaining information needed for an evaluation of the submittal.
- ARCADIS has requested outstanding documentation from Brandenburg to provide in the final report.
- ARCADIS is currently working on a report to summarize the pilot test performed by Trans Ind. ARCADIS indicated they will have the report to RACER and the EPA by November 11th.

Additional Site Work

- Phase II – Bid were received and are in the midst of being reviewed with an award will now be announced November 11th.
- ARCADIS will be sampling concrete mid to late next week. Sampling of the concrete should take about a week, depending on man-power availability. The focus will be on the large Die-cast system.

- Perras is onsite to help prepare the site for winter.
- ARCADIS will be collecting a sample from the 3rd aeration basin.
- ARCADIS will be moving the current location of the triple-wide 25 ft. due south to resolve a right of way issue with the Power Authority.

Open Discussion

Meeting adjourned at 9:34.

RACER MASSENA - BUILDING DEMOLITION

Weekly Progress Meeting

November 10, 2011

Meeting Minutes

In attendance: Present on site - Mike Massiello, Craig Arquette, Tom Carey, Dave Grant, JulieAnn Wilson, Dan Casey, Richard Boelter, Barry Dietlein, Bo Snell.
On the phone - Dino Zack, Anne Kelly, Peter Ouderkirk, Brendan Mullen, Margaret Carrillo-Sheridan.

Meeting called to order at 9:00 A.M.

Health and safety:

Total Safe Man-hours: 85,100 (est.) Total Man-hours: 85,100 (est.) Weekending: 11/06/2011

Site health and safety continues to be the top priority on site.

Brandenburg continues reinforce safe work practices.

Brandenburg's stand-in Safety Officer for this week Bo Snell suggested that a speed limit be set for the site. ARCADIS indicated that an internal review will be performed and a speed limit of 10-15 miles per hour will be posted.

Demolition Activities

Brandenburg continues to clean up the site and its perimeter, along with addressing punch list.

At this point the TSCA tunnel work is completed and has been inspected and approved by ARCADIS.

All equipment has been moved out of the TSCA area and relocated to the Cell #1 decon pad, to be cleaned.

The decon shack is presently being torn down and shipped offsite for disposal.

United Scrap picked up the last remaining load of scrap yesterday.

The last load of C&D will be removed from site tomorrow.

Brandenburg trucks continue to demobilize equipment from the site.

Brandenburg recently deconned the Rain-for- Rent frack tank. Rain-for-Rent will be onsite this Friday to view the sampling of the tank; once the results of the sampling come back, Rain-for-Rent will demob the frack tank from the site.

Brandenburg continues to perform housekeeping duties.

Brandenburg currently has a floor sweeper onsite to clean the slab.

Brandenburg has 20 mil poly coming in today and will be covering the recycled fill material pile with it.

Capping of the penetrations out on the concrete pad has begun.

Brandenburg is awaiting cable that was ordered to finish up the fall protection areas.

Heritage load out is ongoing. There is currently 45 containers left onsite, to be loaded and shipped out. All containers are onsite with the exception of an empty railcar to transport the seven additional remaining containers.

All TSCA work associated with the demo is complete at this time.

Pad cleaning is being done with the street sweeper. ARCADIS indicated that the sweeper is capable of meeting the expected standard for the site.

Next Tuesday, Industrial Oil will be onsite to remove the remaining Oil. Brandenburg indicated they will have 7-9 oil drums that will have a separate BOL, being charged to them; as they have oil that was generated from changing the oil in their equipment that will be removed at the same time. The only other remaining items to be shipped offsite will be the Fire Extinguishers; Brandenburg is in the process of working on a removal date on these. Once removed from site, all project related waste will be offsite.

Per Tom Carey from ARCADIS: Brandenburg has shipped a total of 16,908 net tons of scrap and a total of 9,072 net tons of C&D/non-Friable material. Also, the total weight of TSCA soil shipped from the site has been 14,082 ton of soil; of that, 13,200 net tons was soil from the cell #3 pile and 882 tons came from Cell #2. These totals are as of the close of business 11/04/11.

Currently this week Heritage has shipped a total of 1100 tons in forty-five boxes from Cell #5.

ARCADIS gave Brandenburg the go ahead to start breaking down their Water Treatment System.

ARCADIS will have a lead person onsite to setup the locations and take a couple samples of the concrete in the Large Die Cast Tunnel. Once the preliminary samples are taken and a plan of action is put in place, ARCADIS will have a crew that will arrive early Monday morning to collect the remaining concrete samples.

ARCADIS is currently working on a report to summarize the pilot test performed by Trans Ind. ARCADIS indicated they will have the report to RACER and the EPA by November 11th.

A punch list has been shared amongst all and is a working document. Brandenburg continues to work down the list.

ARCADIS has resolved the outstanding issues regarding the offsite equipment. Final coordination is being made on how and when the checks will be delivered.

Brandenburg has submitted a request for relief regarding a licensed surveyor; ARCADIS is currently reviewing the request and will provide feedback to Brandenburg shortly.

Brandenburg expressed that they are looking to be complete with Phase I activities by next Friday. The biggest tasks to be resolved are the plating of the holes in the concrete slab and the remaining punch list items.

ARCADIS requested the rework drawings for capping the holes in the concrete slab. Brandenburg indicated the drawings will be provided by the close of business today.

Winter preparations are ongoing.

Environmental Monitoring:

Camp monitoring continued with no exceedances of the action levels for volatile organic compounds (VOCs) or particulate dust.

In addition to the CAMP monitoring described above, High Volume PCB Air Sampling continues. No exceedances of the action levels were reported.

ARCADIS continues to support Brandenburg with the confirmatory wipe samples of equipment from the TSCA area.

With approval of EPA air monitoring around the manufacturing foot print has been reduced in light of all TSCA work being completed.

ARCADIS continues to perform visual inspections of equipment not used in the TSCA area.

ARCADIS collected BISCO Water Treatment System samples Monday and are awaiting the results.

Submittals

- ARCADIS has requested outstanding documentation from Brandenburg to provide in the final report.

Additional Site Work

- Phase II –award will be announced November 11th.
- ARCADIS will be sampling concrete mid next week. Sampling of the concrete should take about a week, depending on man-power availability. The focus will be on the large Die-cast system.
- Winter prep continues
- ARCADIS office trailer has been moved and the restrooms are in the process of being established.

Open Discussion

- Final Phase I walk through to be performed next week.

Meeting adjourned at 9:36.